LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022120.D
Acq On : 14 Oct 2022 12:26
Operator : CG/JU
Sample : N5049-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0BL9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Title : SVOA CALIBRATION

Signal : TIC: BN022120.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.811	136	140	148	rVB	92885	130966	0.62%	0.062%
2	5.905	490	496	506	rBV3	103678	258092	1.22%	0.121%
3	7.111	690	701	710	rBV	503478	977211	4.62%	0.460%
4	7.281	723	730	736	rBV	415917	655759	3.10%	0.309%
5	7.475	756	763	773	rVB	504400	807170	3.81%	0.380%
6	7.599	779	784	794	rVV3	103503	216763	1.02%	0.102%
7	7.952	833	844	852	rBV	934391	1505158	7.11%	0.708%
8	8.499	929	937	950	rVV	664341	1220496	5.76%	0.574%
9	8.675	960	967	974	rVV	575636	964744	4.56%	0.454%
10	8.793	983	987	994	rVV	72765	124122	0.59%	0.058%
11	9.134	1038	1045	1051	rBV	487068	799768	3.78%	0.376%
12	9.857	1161	1168	1179	rBV	382691	656595	3.10%	0.309%
13	10.210	1218	1228	1234	rBV2	100326	223598	1.06%	0.105%
14	10.275	1234	1239	1244	rVV2	94859	188648	0.89%	0.089%
15	10.405	1254	1261	1271	rVV	603032	1047630	4.95%	0.493%
16	10.787	1315	1326	1331	rBV	1334401	2475618	11.69%	1.165%
17	10.834	1331	1334	1346	rVV2	301440	499135	2.36%	0.235%
18	10.940	1346	1352	1367	rVB2	112999	319810	1.51%	0.150%
19	12.299	1573	1583	1595	rBV	355714	802121	3.79%	0.377%
20	12.451	1603	1609	1614	rBV	225485	346750	1.64%	0.163%
21	12.575	1623	1630	1639	rBV5	83978	200372	0.95%	0.094%
22	12.669	1640	1646	1654	rVB	152643	251572	1.19%	0.118%
23	13.546	1790	1795	1800	rBV	69787	131746	0.62%	0.062%
24	13.875	1846	1851	1858	rBV4	57596	140948	0.67%	0.066%
25	13.946	1858	1863	1868	rVV2	154592	282542	1.33%	0.133%
26	13.998	1868	1872	1874	rVV	107283	146269	0.69%	0.069%
27	14.040	1874	1879	1883	rVV	1093791	1543001	7.29%	0.726%
28	14.081	1883	1886	1894	rVV2	201430	325652	1.54%	0.153%
29	14.181	1898	1903	1907	rVV2	80254	136849	0.65%	0.064%
30	14.322	1921	1927	1929	rBV	1314443	2012974	9.51%	0.947%
31	14.351	1929	1932	1944	rVB	2813993	4123896	19.48%	1.940%
32	14.628	1964	1979	1987	rBV	2154060	3496731	16.52%	1.645%
33	14.693	1987	1990	1997	rVB	236520	342789	1.62%	0.161%
34	14.828	2007	2013	2022	rBV2	393772	700520	3.31%	0.330%
35	14.916	2023	2028	2037	rBV3	119798	277218	1.31%	0.130%
36	15.028	2042	2047	2051	rBV	229518	329213	1.56%	0.155%

LSC Area Percent Report

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Operator : CG/JU
Sample : N5049-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BL9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Title : SVOA CALIBRATION

37	15.234	2076	2082	2090	rBV5	110244	320938	1.52%	0.151%
38	15.410	2106	2112	2116	rBV5	93840	182484	0.86%	0.086%
39	15.498	2123	2127	2133	rVB	167842	248047	1.17%	0.117%
40	15.622	2143	2148	2153	rVB	1676557	2354839	11.12%	1.108%
41	15.681	2153	2158	2164	rVV2	252684	502013	2.37%	0.236%
42	15.745	2164	2169	2175	rVB	370483	497564	2.35%	0.234%
43	15.881	2187	2192	2202	rBV4	165346	423944	2.00%	0.199%
44	15.969	2203	2207	2212	rVV	152965	284512	1.34%	0.134%
45	16.016	2213	2215	2220	rVB	121362	150022	0.71%	0.071%
46	16.092	2225	2228	2229	rVV2	102392	124945	0.59%	0.059%
47	16.116	2230	2232	2240	rVB2	148726	262263	1.24%	0.123%
48	16.357	2265	2273	2278	rBV2	578296	1068343	5.05%	0.503%
49	16.681	2324	2328	2334	rVB3	82397	140783	0.66%	0.066%
50	16.957	2371	2375	2382	rVB	488417	698044	3.30%	0.328%
51	17.034	2384	2388	2395	rVB	312281	479199	2.26%	0.225%
52	17.128	2398	2404	2408	rBV4	140929	269898	1.27%	0.127%
53	17.181	2408	2413	2414	rBV3	132657	211993	1.00%	0.100%
54	17.275	2425	2429	2431	rBV4	138745	205217	0.97%	0.097%
55	17.334	2436	2439	2442	rVV4	131318	165246	0.78%	0.078%
56	17.387	2442	2448	2451	rVV	2559168	3717329	17.56%	1.749%
57	17.428	2451	2455	2460	rVV	1729341	2462428	11.63%	1.159%
58	17.487	2460	2465	2467	rVV2	1611394	2503463	11.83%	1.178%
59	17.522	2467	2471	2476	rVV	5477761	8162124	38.55%	3.840%
60	17.581	2476	2481	2491	rVB2	422454	878574	4.15%	0.413%
61	17.792	2513	2517	2525	rVB	1148126	1635844	7.73%	0.770%
62	17.869	2527	2530	2534	rVV4	200749	257478	1.22%	0.121%
63	18.222	2587	2590	2593	rBV	246845	332520	1.57%	0.156%
64	18.281	2595	2600	2603	rVV2	705236	1079303	5.10%	0.508%
65	18.316	2603	2606	2611	rVB	575913	801673	3.79%	0.377%
66	18.392	2615	2619	2624	rBV	1145510	1577891	7.45%	0.742%
67	18.469	2626	2632	2636	rBV2	984873	1778035	8.40%	0.837%
68	18.575	2646	2650	2654	rBV3	427315	574634	2.71%	0.270%
69	18.616	2654	2657	2660	rVB2	198411	226698	1.07%	0.107%
70	18.657	2661	2664	2668	rBV3	253586	394569	1.86%	0.186%
71	18.745	2675	2679	2686	rVB2	514990	1094311	5.17%	0.515%
72	18.810	2687	2690	2695	rVB2	493184	649011	3.07%	0.305%
73	19.181	2749	2753	2756	rBV2	529686	999335	4.72%	0.470%
74	19.333	2775	2779	2786	rVB2	833335	1236149	5.84%	0.582%
75	19.457	2794	2800	2805	rBV	5991763	9043731	42.72%	4.255%
76	19.598	2821	2824	2829	rVB2	836442	1152268	5.44%	0.542%

LSC Area Percent Report

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Sample : N5049-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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Integration Parameters: LSCINT.P
Integrator: RTE
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Title : SVOA CALIBRATION

77	19.786	2851	2856	2858	rBV2	2754248	4063437	19.19%	1.912%
78	19.822	2858	2862	2869	rVV	6260091	10511635	49.65%	4.946%
79	19.886	2870	2873	2880	rVB3	653740	1182115	5.58%	0.556%
80	20.063	2898	2903	2910	rVB	1768750	2563482	12.11%	1.206%
81	20.151	2911	2918	2923	rBV4	1187093	2944252	13.91%	1.385%
82	20.298	2935	2943	2950	rVB4	1573863	4968325	23.47%	2.338%
83	20.363	2951	2954	2958	rBV	545085	777703	3.67%	0.366%
84	20.410	2959	2962	2966	rVV	803788	1008670	4.76%	0.475%
85	20.469	2966	2972	2976	rVV2	1512849	2812752	13.29%	1.323%
86	20.616	2993	2997	3001	rBV	2029794	2842910	13.43%	1.338%
87	20.663	3002	3005	3008	rVB2	781888	970453	4.58%	0.457%
88	21.069	3070	3074	3080	rVB2	1693011	2596957	12.27%	1.222%
89	21.275	3106	3109	3112	rBV2	887769	1169798	5.53%	0.550%
90	21.316	3113	3116	3121	rVB2	1358887	1918799	9.06%	0.903%
91	21.586	3157	3162	3166	rBV2	3796006	7985632	37.72%	3.757%
92	21.639	3168	3171	3180	rVB	5405710	8903446	42.06%	4.189%
93	21.922	3216	3219	3225	rVB2	1191613	1971410	9.31%	0.928%
94	22.404	3297	3301	3304	rBV3	739741	1201240	5.67%	0.565%
95	23.363	3454	3464	3468	rBV2	5345676	16294837	76.97%	7.667%
96	23.527	3486	3492	3497	rBV	2179968	4034475	19.06%	1.898%
97	23.892	3545	3554	3560	rBV	4921296	12698679	59.98%	5.975%
98	24.004	3565	3573	3579	rVB	5195037	12385319	58.50%	5.827%
99	24.163	3594	3600	3608	rVB2	3128188	7753916	36.63%	3.648%
100	26.780	4029	4045	4052	rVB5	4759624	21170840	100.00%	9.961%

Sum of corrected areas: 212541190

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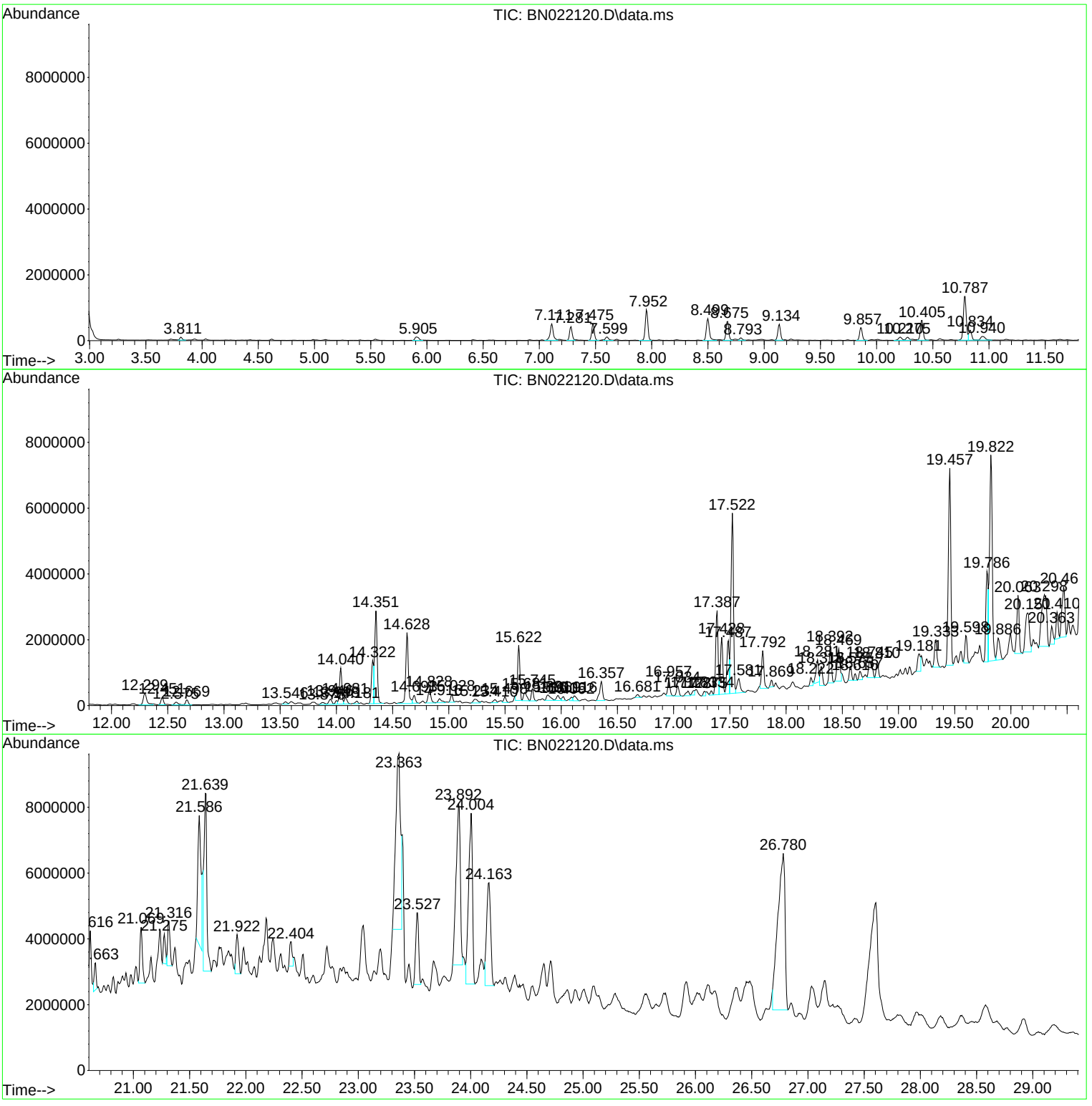
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
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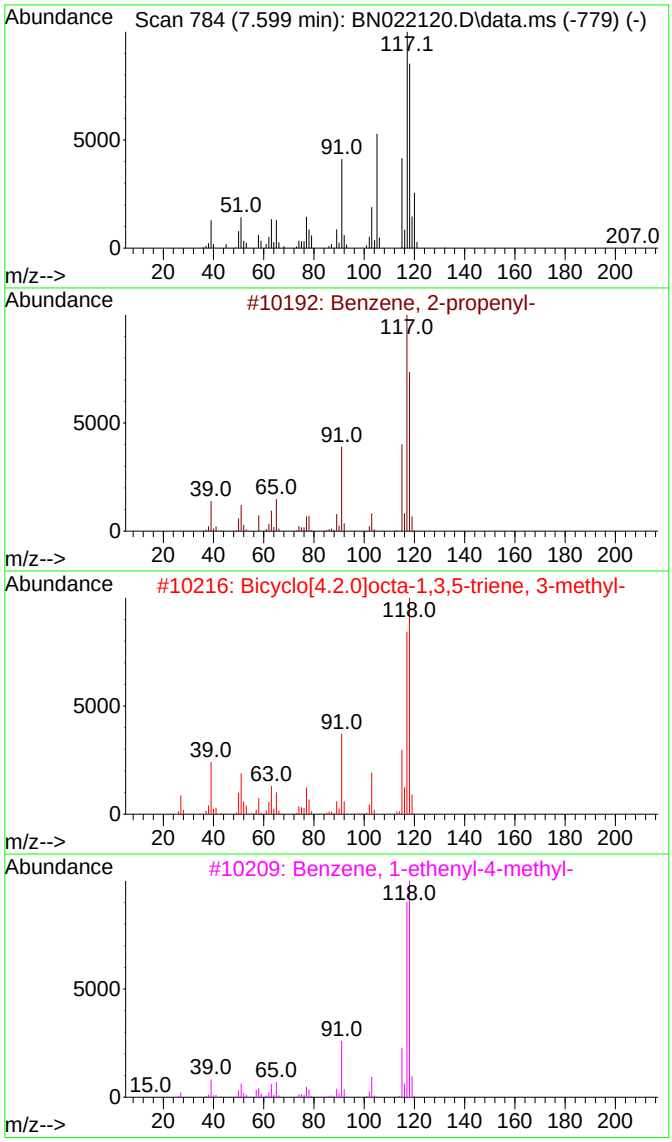
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

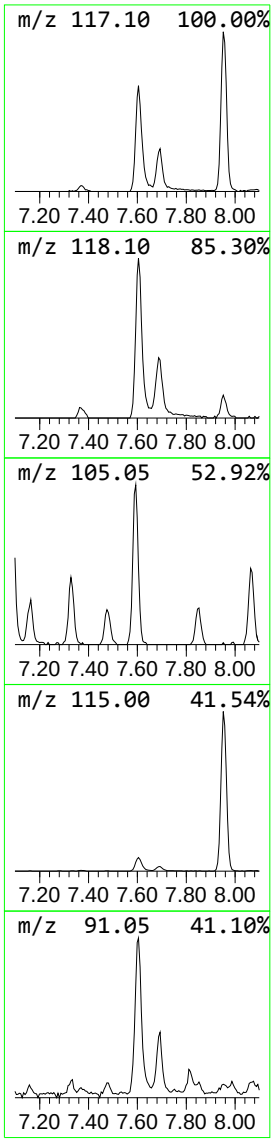
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 2-propenyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.599	2.88 ng/ul	216763	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	91
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	86
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	86
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	86
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	83





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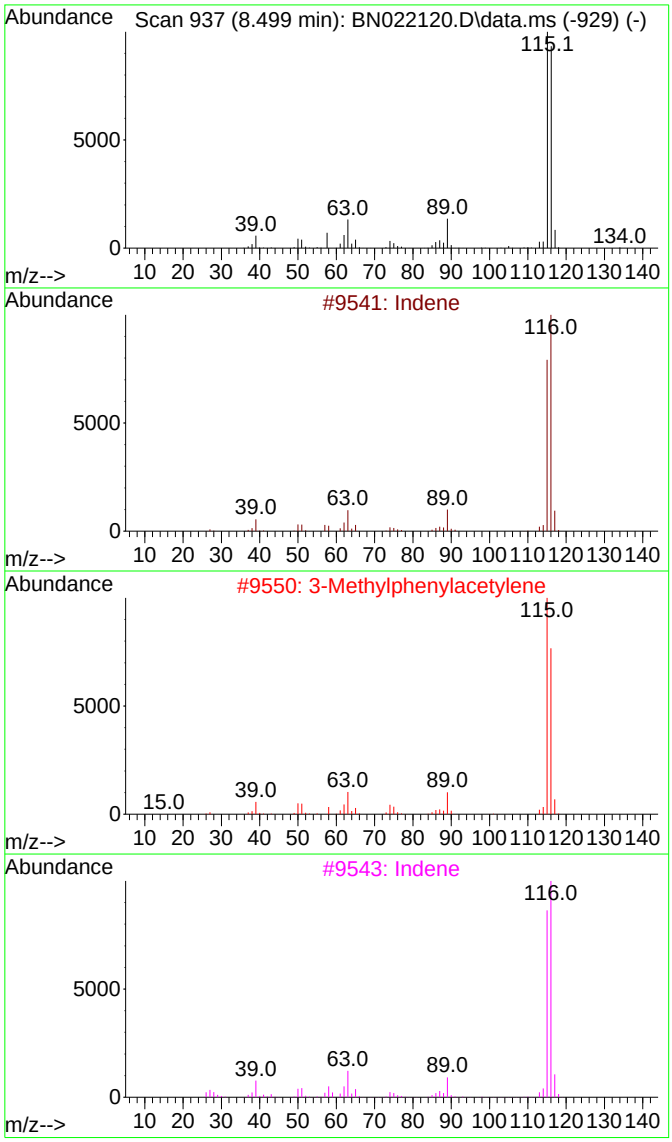
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

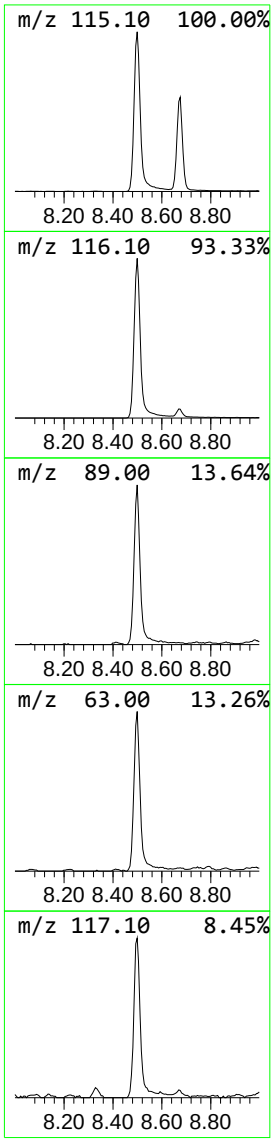
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.499	16.22 ng/ul	1220500	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
3	Indene	116	C9H8	000095-13-6	93
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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Quant Title : SVOA CALIBRATION

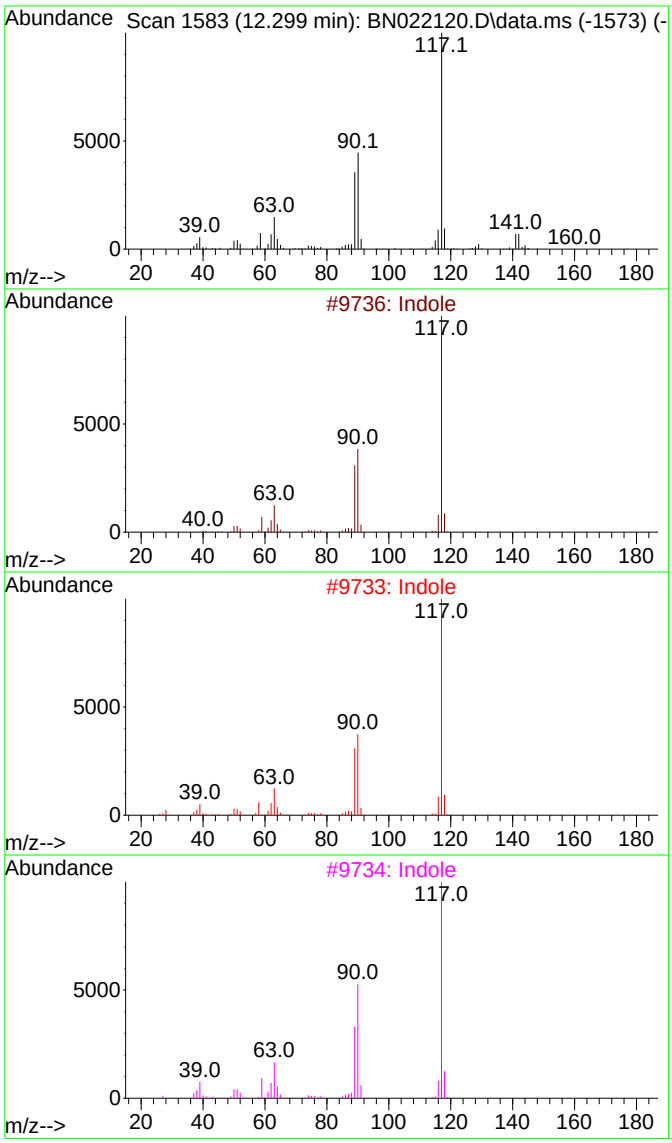
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

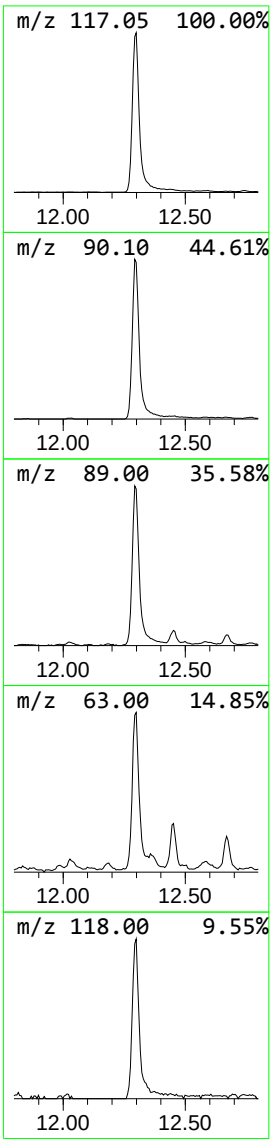
****

Peak Number 4 Indole Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.299	6.48 ng/ul	802121	Naphthalene-d8	10.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indole	117	C8H7N	000120-72-9	97
2	Indole	117	C8H7N	000120-72-9	96
3	Indole	117	C8H7N	000120-72-9	95
4	Indole	117	C8H7N	000120-72-9	91
5	Indolizine	117	C8H7N	000274-40-8	90





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ALS Vial : 38 Sample Multiplier: 1

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BNA_N
ClientSampleId :
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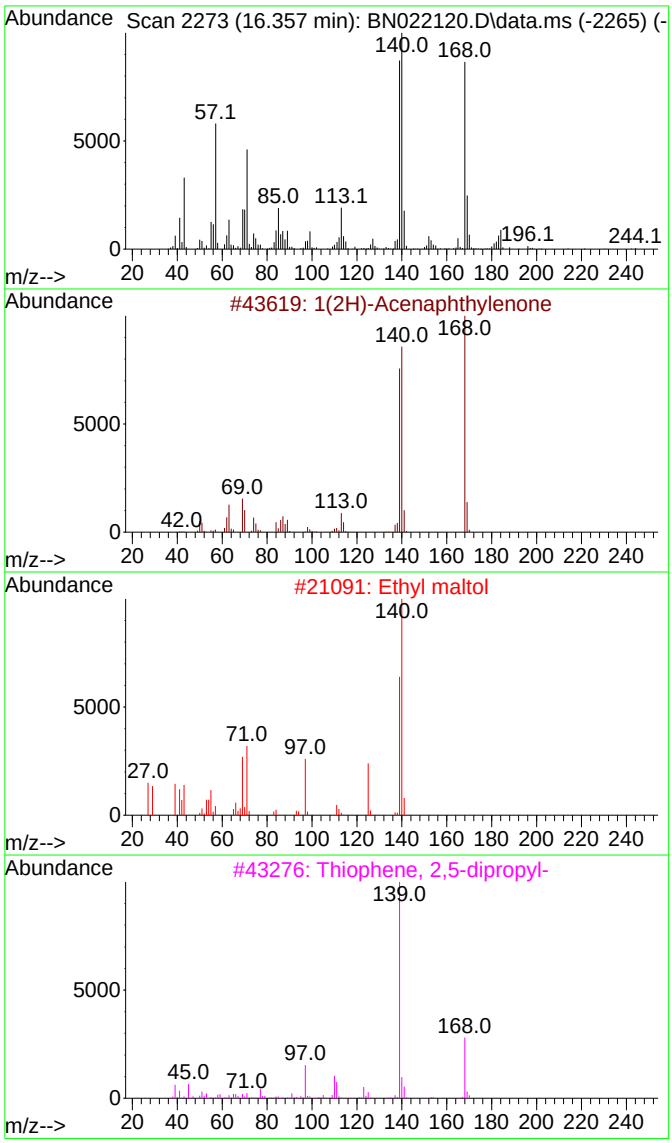
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

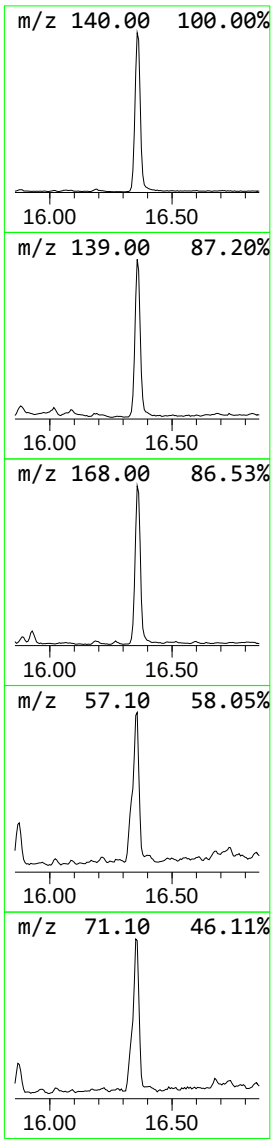
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1(2H)-Acenaphthylenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.357	5.75 ng/ul	1068340	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	93
2	Ethyl maltol	140	C7H8O3	004940-11-8	47
3	Thiophene, 2,5-dipropyl-	168	C10H16S	054411-07-3	46
4	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	43
5	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	43





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Data File : BN022120.D
Acq On : 14 Oct 2022 12:26
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Sample : N5049-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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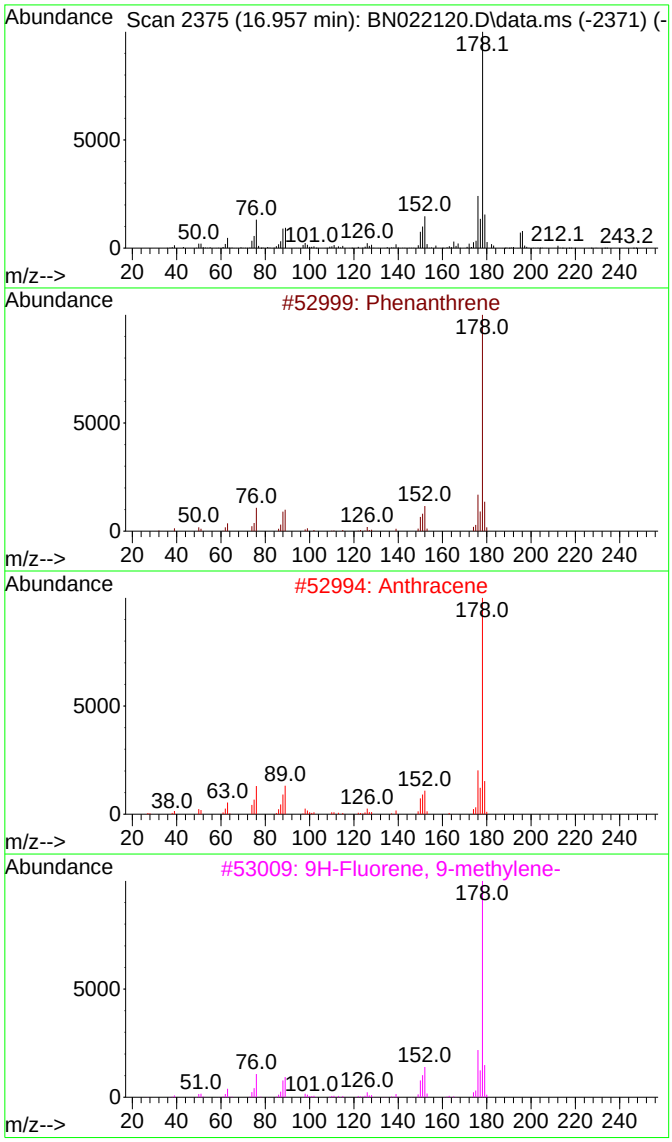
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

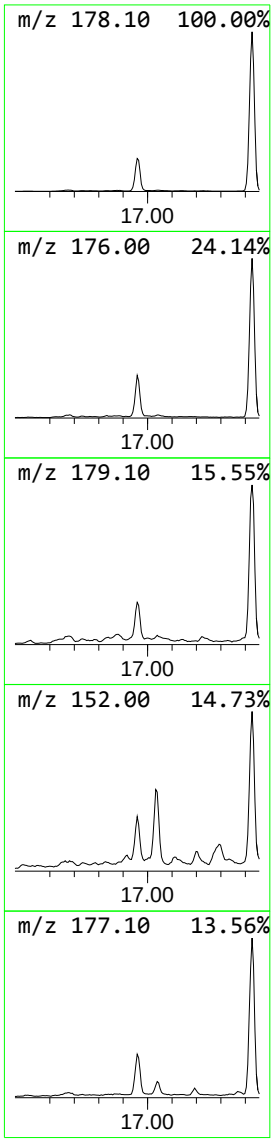
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9H-Fluorene, 9-methylene- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.957	3.76 ng/ul	698044	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene	178	C14H10	000085-01-8	96
2	Anthracene	178	C14H10	000120-12-7	96
3	9H-Fluorene, 9-methylene-	178	C14H10	004425-82-5	96
4	Phenanthrene	178	C14H10	000085-01-8	95
5	Phenanthrene	178	C14H10	000085-01-8	95





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Acq On : 14 Oct 2022 12:26
Operator : CG/JU
Sample : N5049-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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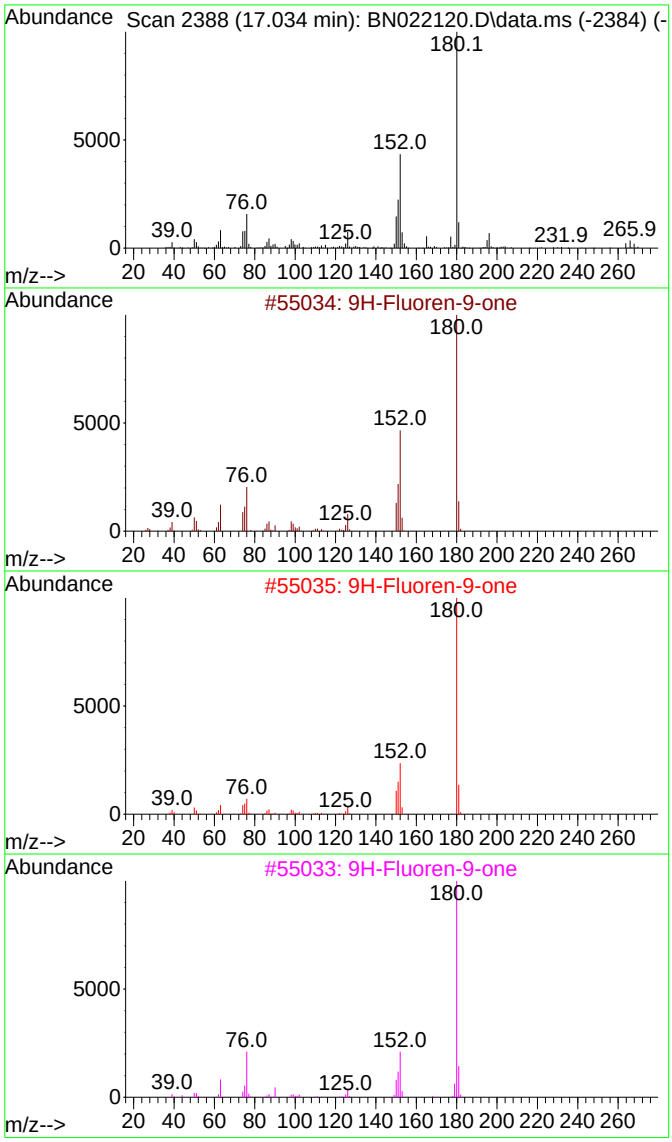
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

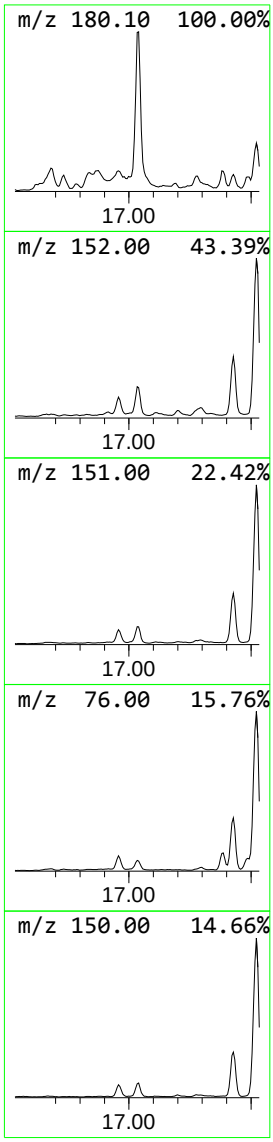
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9H-Fluoren-9-one Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.034	2.58 ng/ul	479199	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

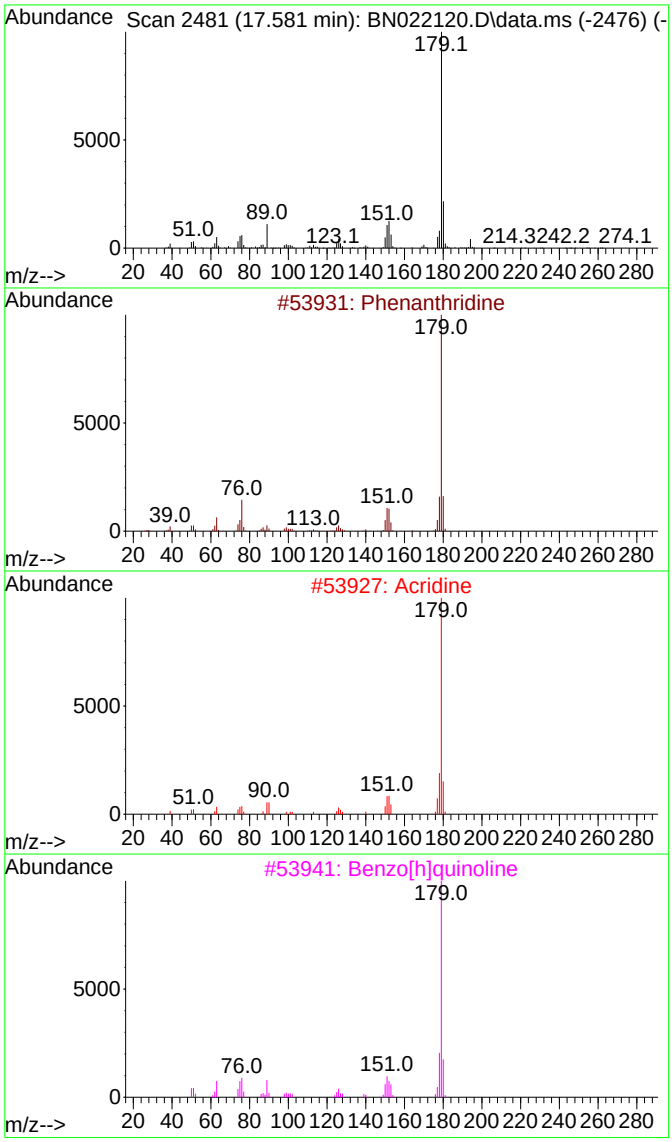
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

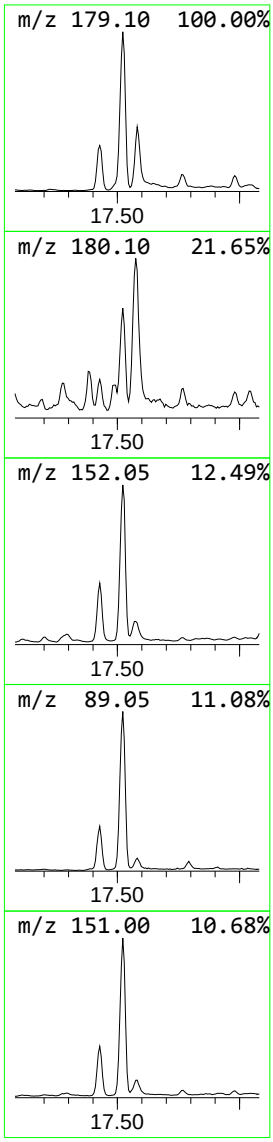
****

Peak Number 9 Phenanthridine Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.581	4.73 ng/ul	878574	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthridine	179	C13H9N	000229-87-8	91
2	Acridine	179	C13H9N	000260-94-6	87
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	87
4	Benzo[f]quinoline	179	C13H9N	000085-02-9	87
5	Benzo[h]quinoline	179	C13H9N	000230-27-3	87





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Sample : N5049-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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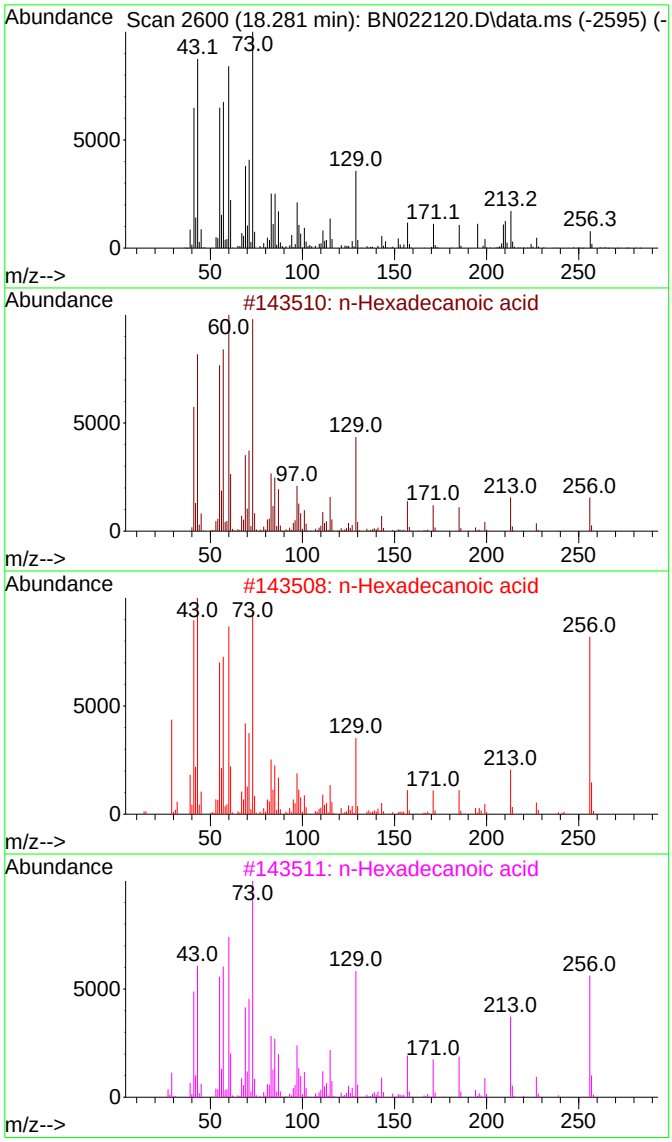
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

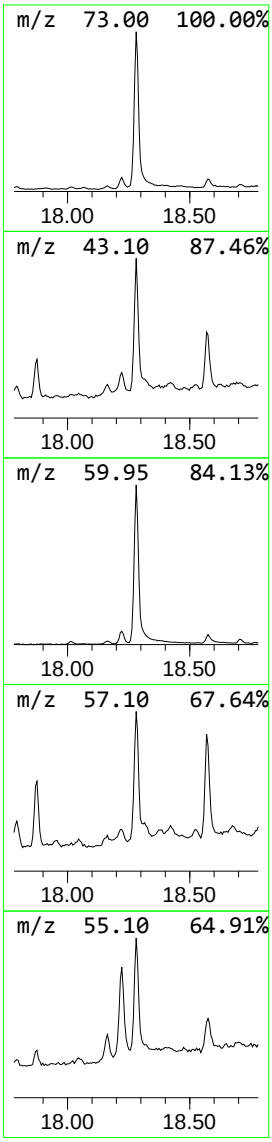
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.281	5.81 ng/ul	1079300	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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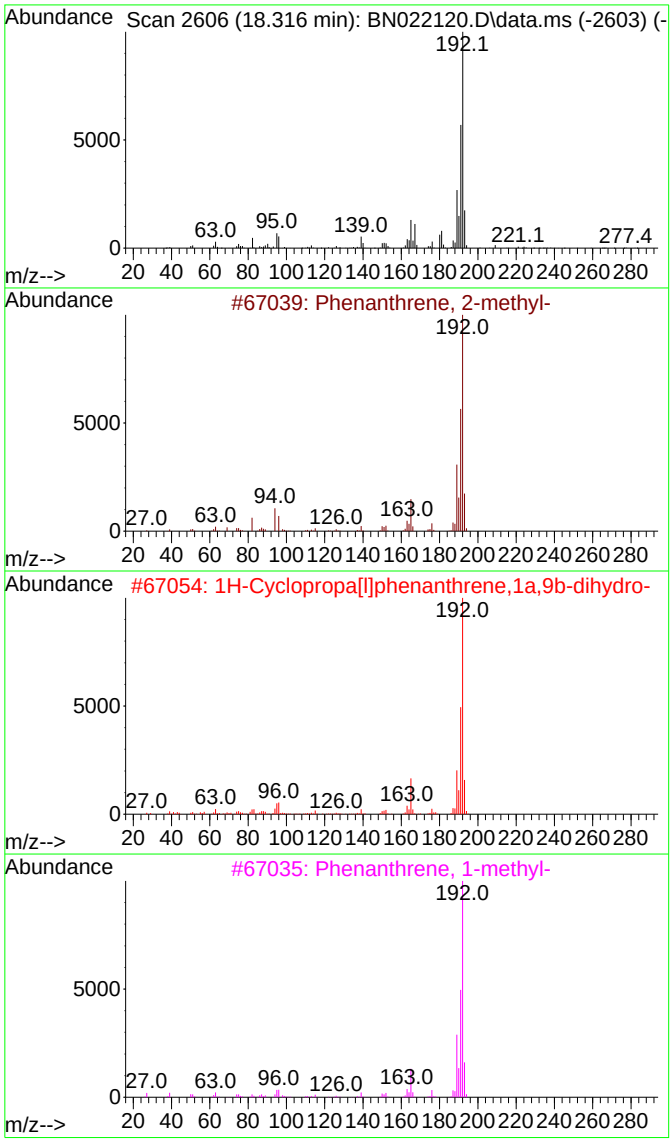
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

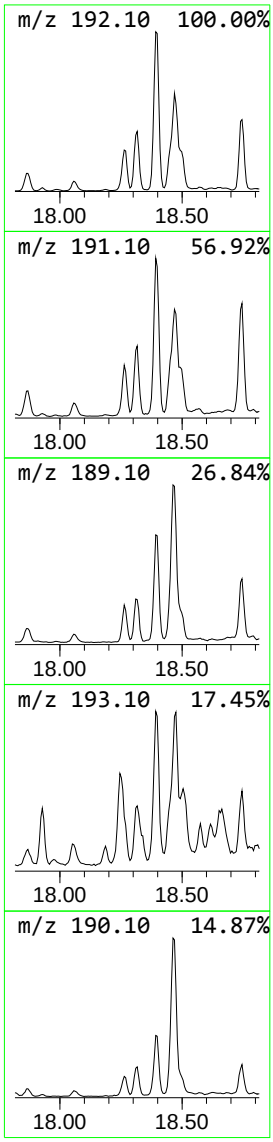
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.316	4.31 ng/ul	801673	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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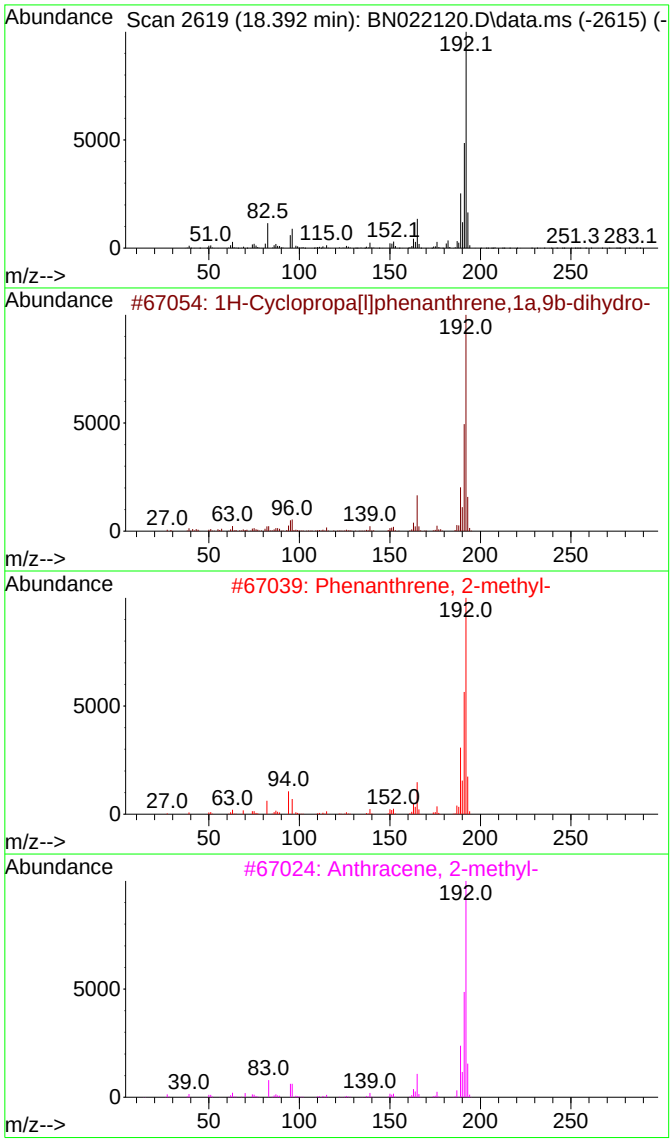
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

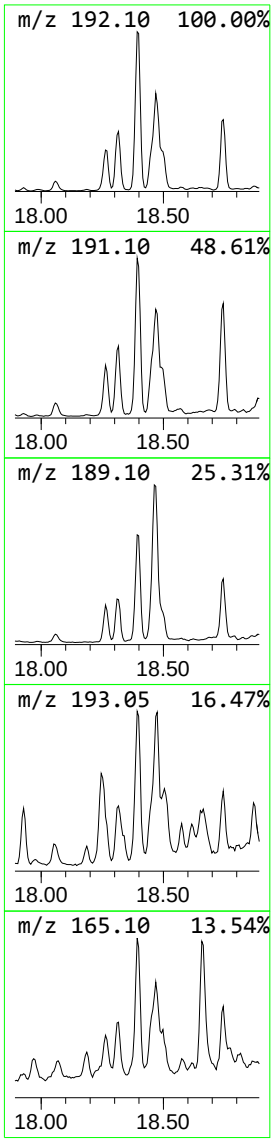
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	8.49 ng/ul	1577890	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96





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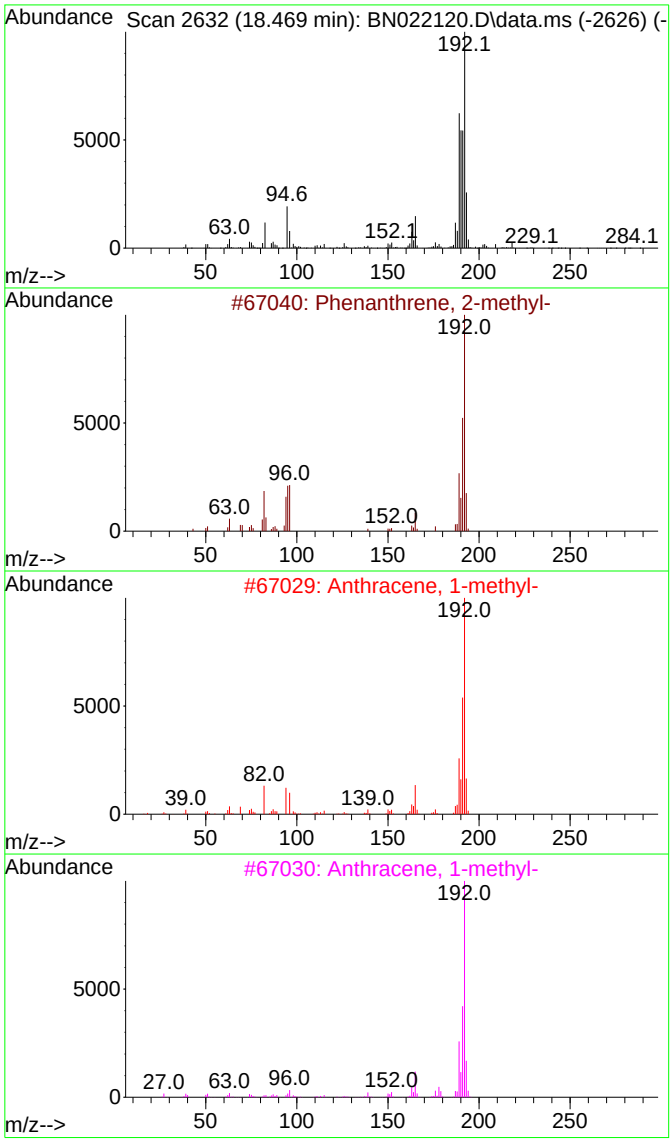
Quant Title : SVOA CALIBRATION

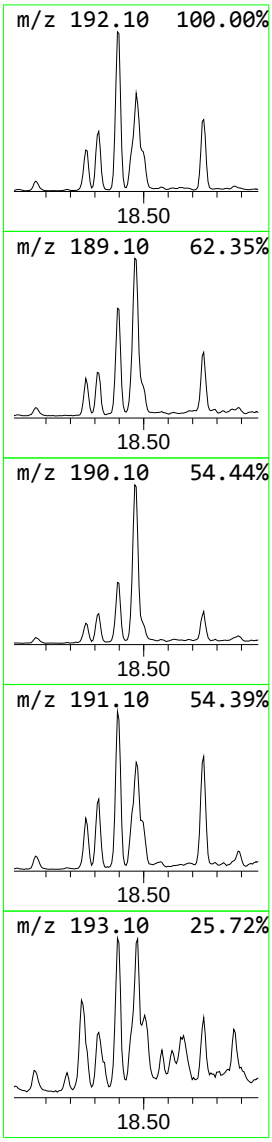
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.469	9.57 ng/ul	1778040	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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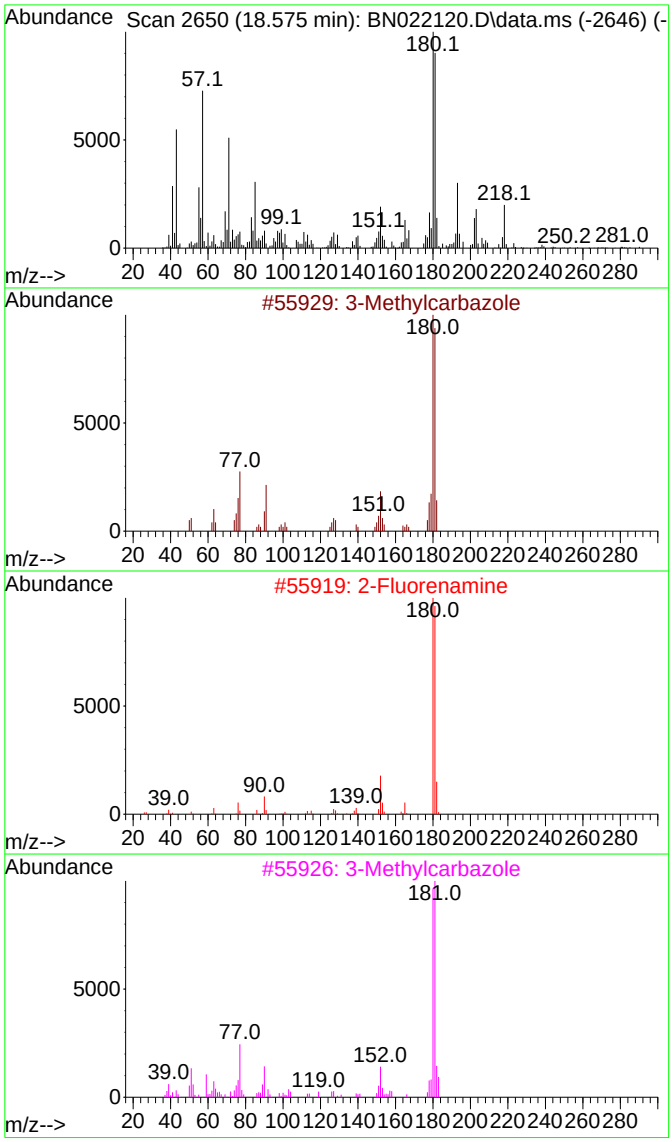
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

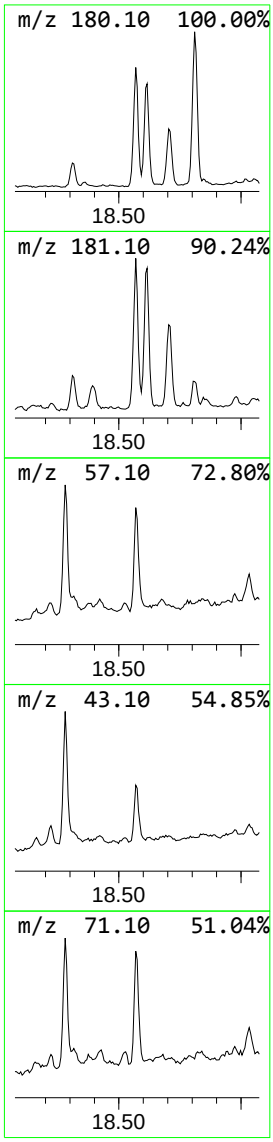
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 3-Methylcarbazole Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.575	3.09 ng/ul	574634	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	78
2	2-Fluorenamine	181	C13H11N	000153-78-6	60
3	3-Methylcarbazole	181	C13H11N	004630-20-0	60
4	3-Methylcarbazole	181	C13H11N	004630-20-0	60
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	46





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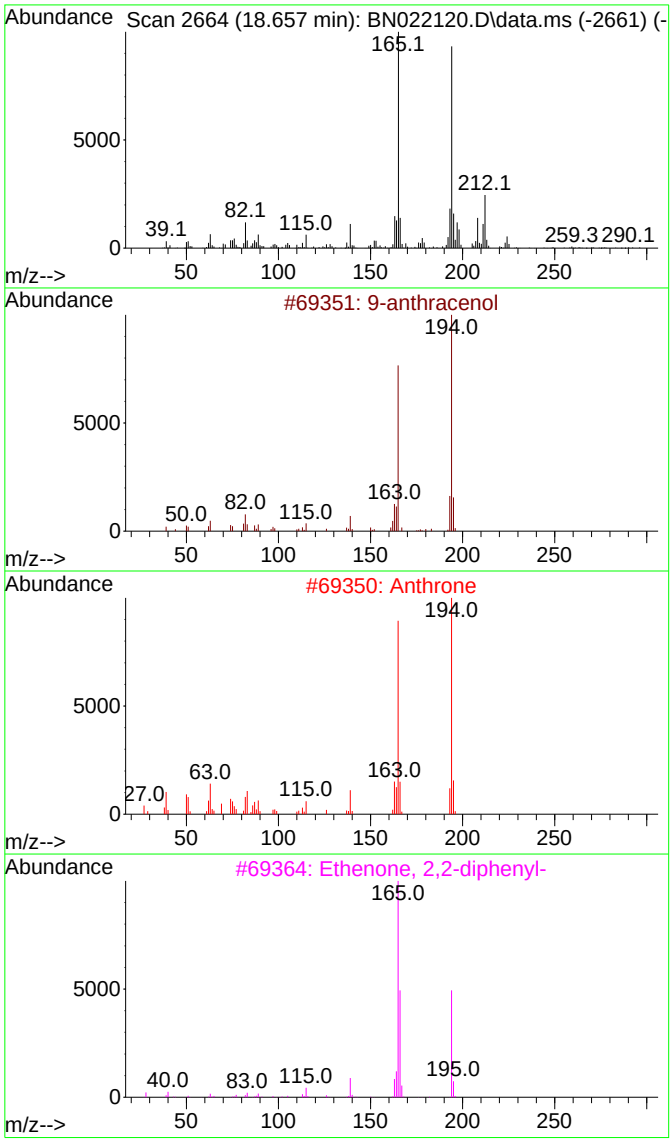
Quant Title : SVOA CALIBRATION

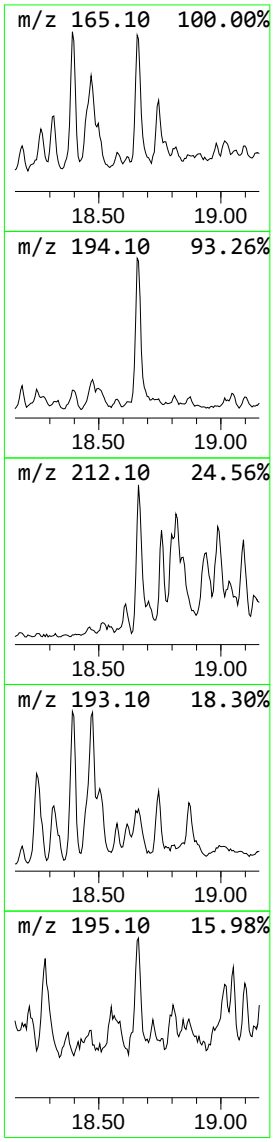
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9-anthracenol Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	2.12 ng/ul	394569	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-anthracenol	194	C14H10O	1000400-30-3	93
2	Anthrone	194	C14H10O	000090-44-8	86
3	Ethenone, 2,2-diphenyl-	194	C14H10O	000525-06-4	70
4	Anthrone	194	C14H10O	000090-44-8	70
5	4-Phenanthrenol	194	C14H10O	007651-86-7	70





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ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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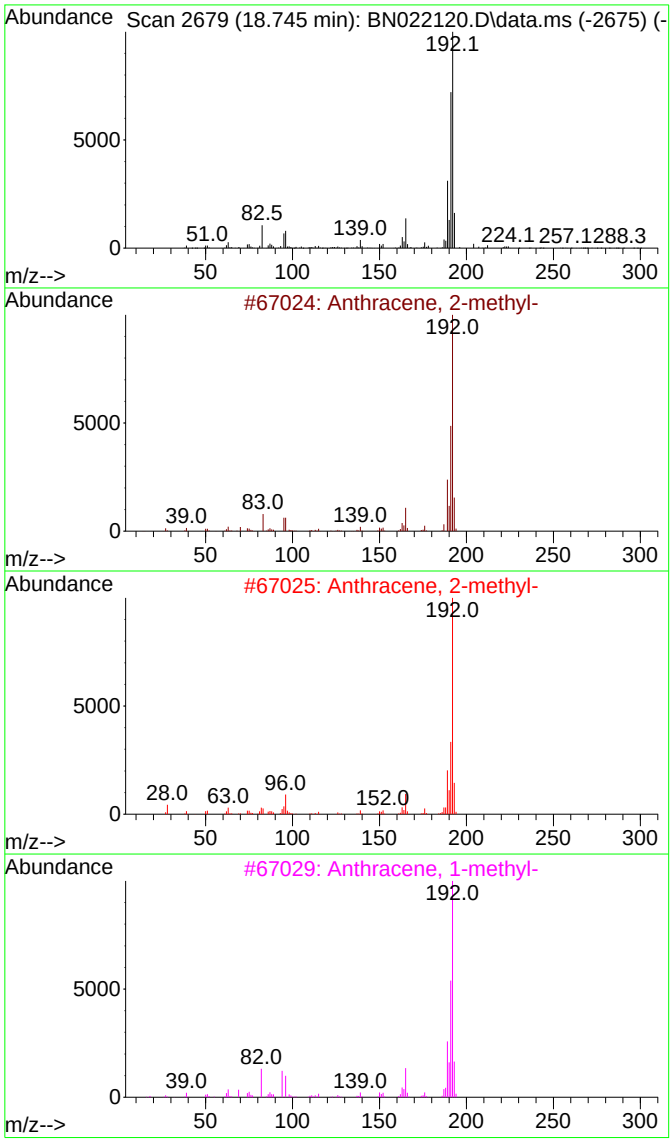
Quant Title : SVOA CALIBRATION

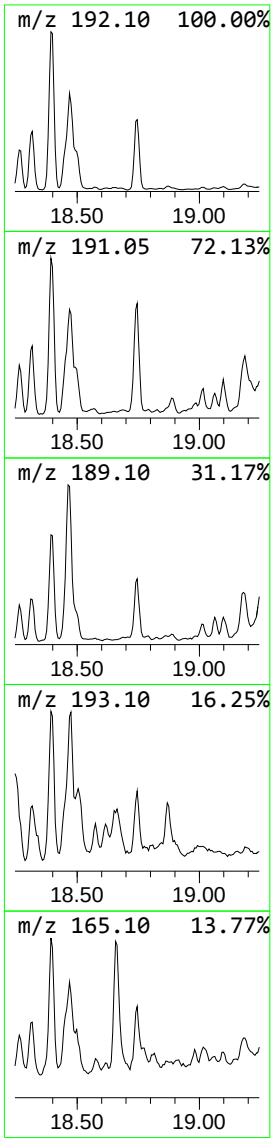
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.745	5.89 ng/ul	1094310	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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ALS Vial : 38 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

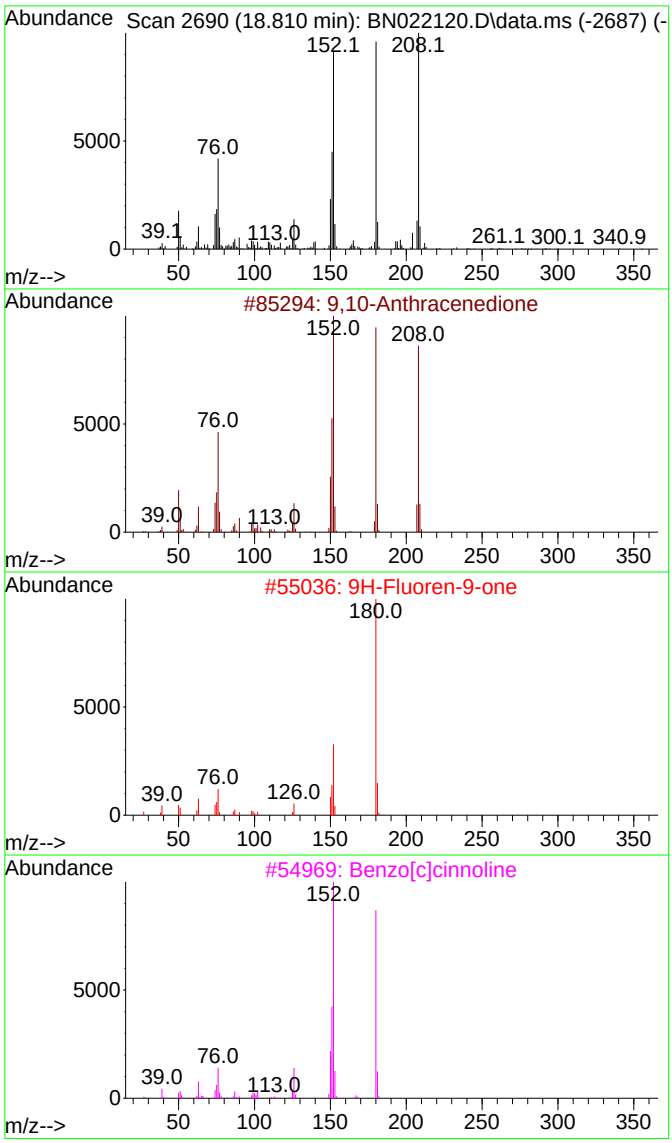
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

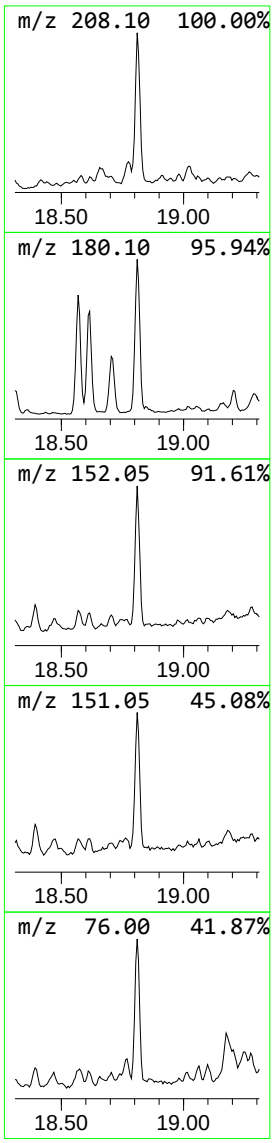
****

Peak Number 17 9,10-Anthracenedione Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.810	3.49 ng/ul	649011	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90





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ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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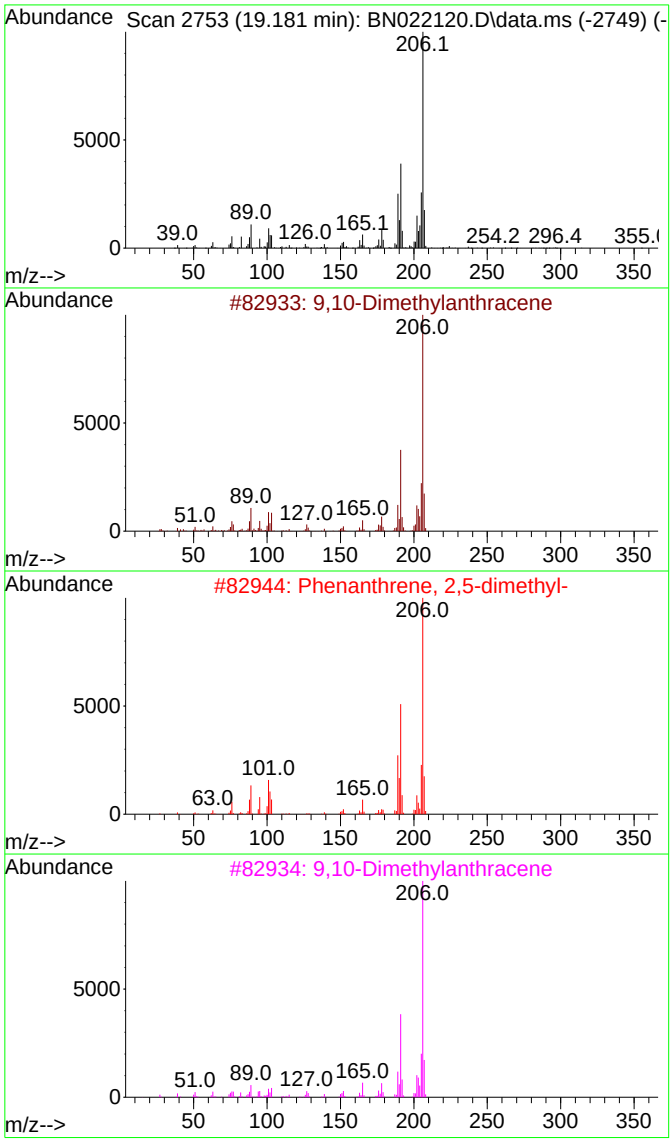
Quant Title : SVOA CALIBRATION

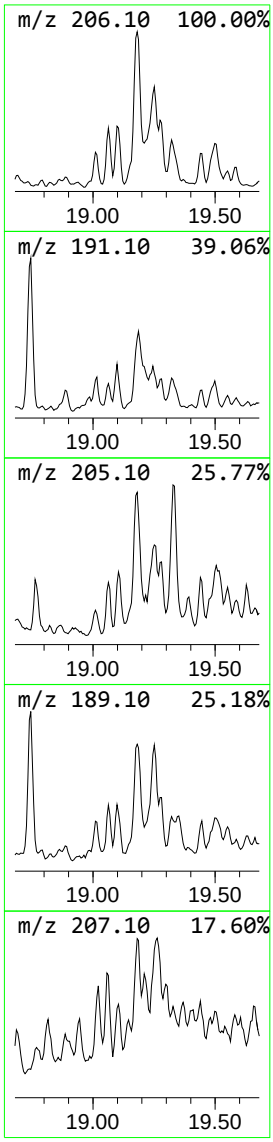
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9,10-Dimethylanthracene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	5.38 ng/ul	999335	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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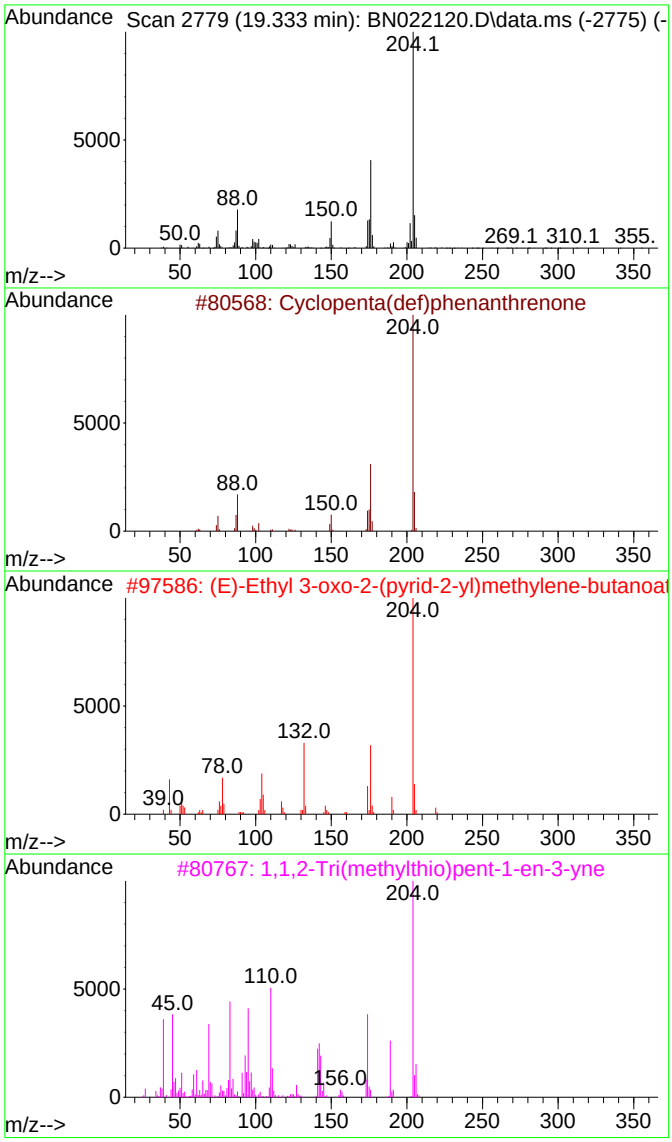
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

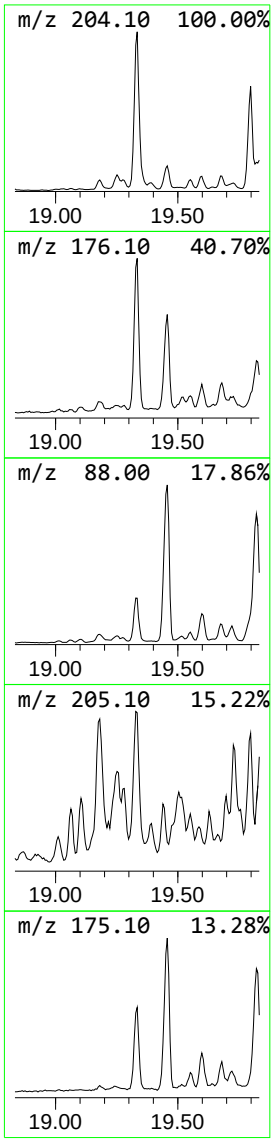
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.334	6.65 ng/ul	1236150	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	45
3	1,1,2-Tri(methylthio)pent-1-en-3...	204	C8H12S3	1000250-48-0	43
4	4-Formyl-7-methoxycoumarin	204	C11H8O4	1000429-03-0	43
5	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	42





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Acq On : 14 Oct 2022 12:26
Operator : CG/JU
Sample : N5049-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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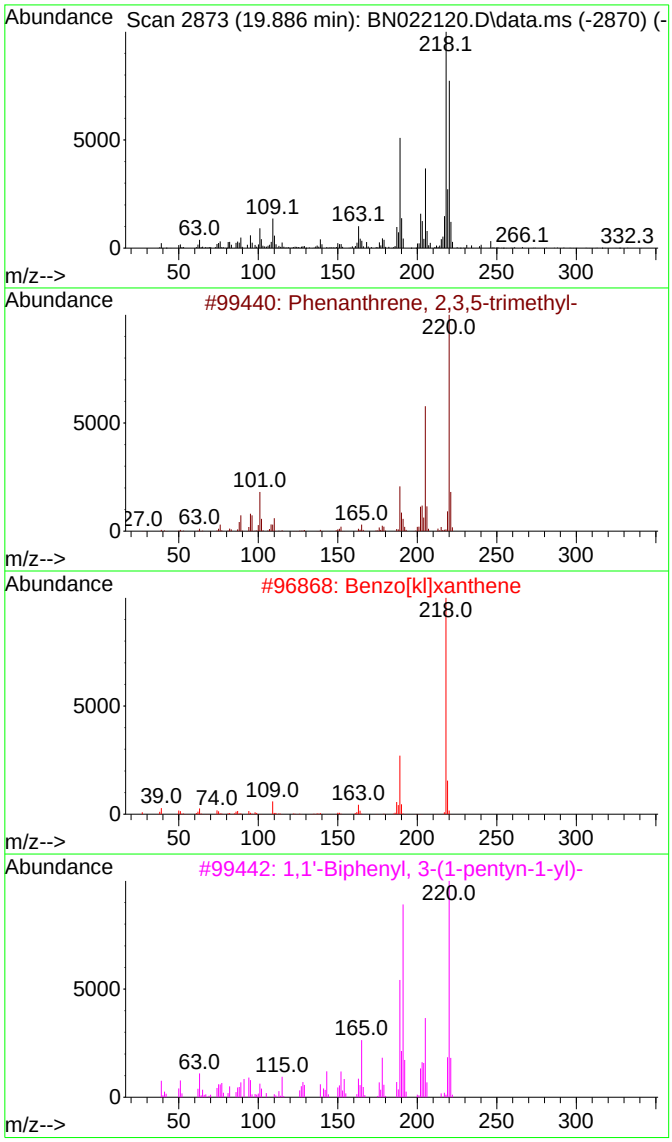
Quant Title : SVOA CALIBRATION

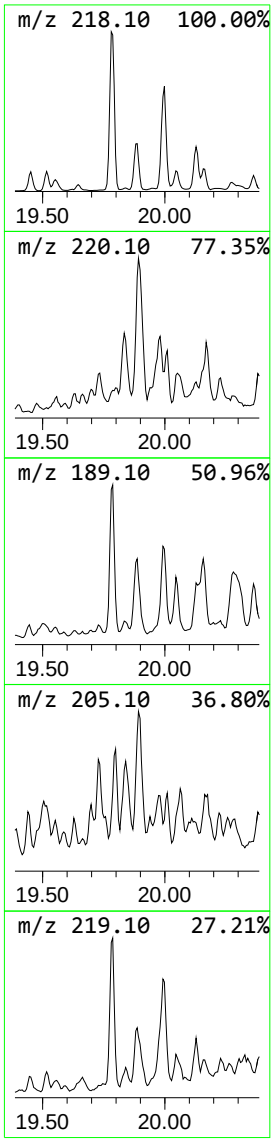
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.886	2.96 ng/ul	1182120	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	64
2	Benzo[kl]xanthene	218	C16H10O	000200-23-7	52
3	1,1'-Biphenyl, 3-(1-pentyn-1-yl)-	220	C17H16	2029236-76-6	49
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	46
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	46





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ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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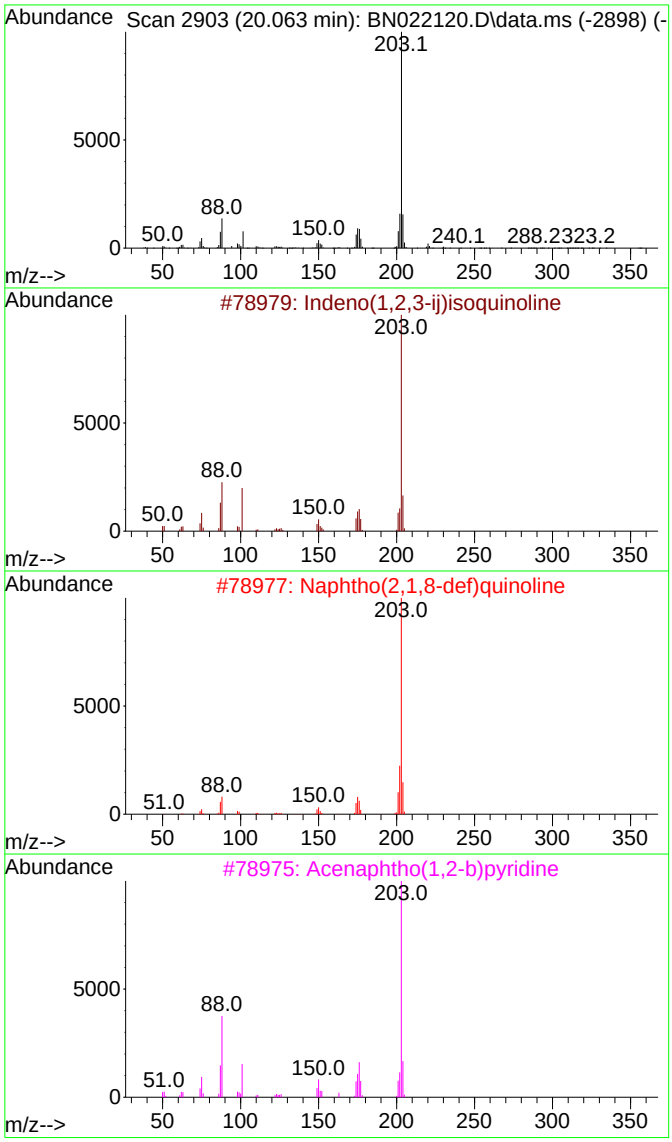
Quant Title : SVOA CALIBRATION

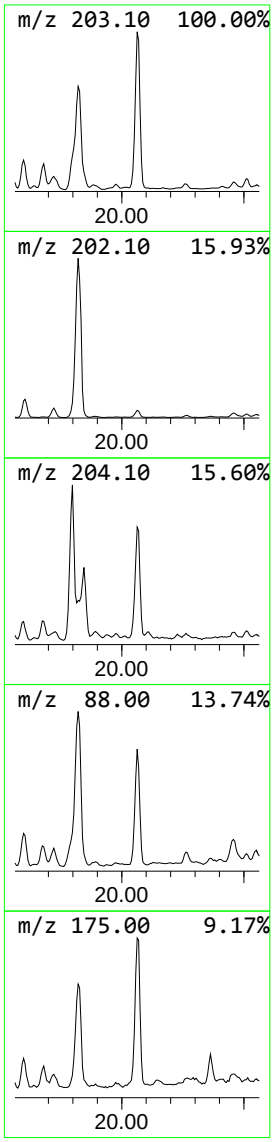
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Indeno(1,2,3-ij)isoquinoline Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.063	6.42 ng/ul	2563480	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	97
2	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	96
3	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	95
4	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	95
5	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	94





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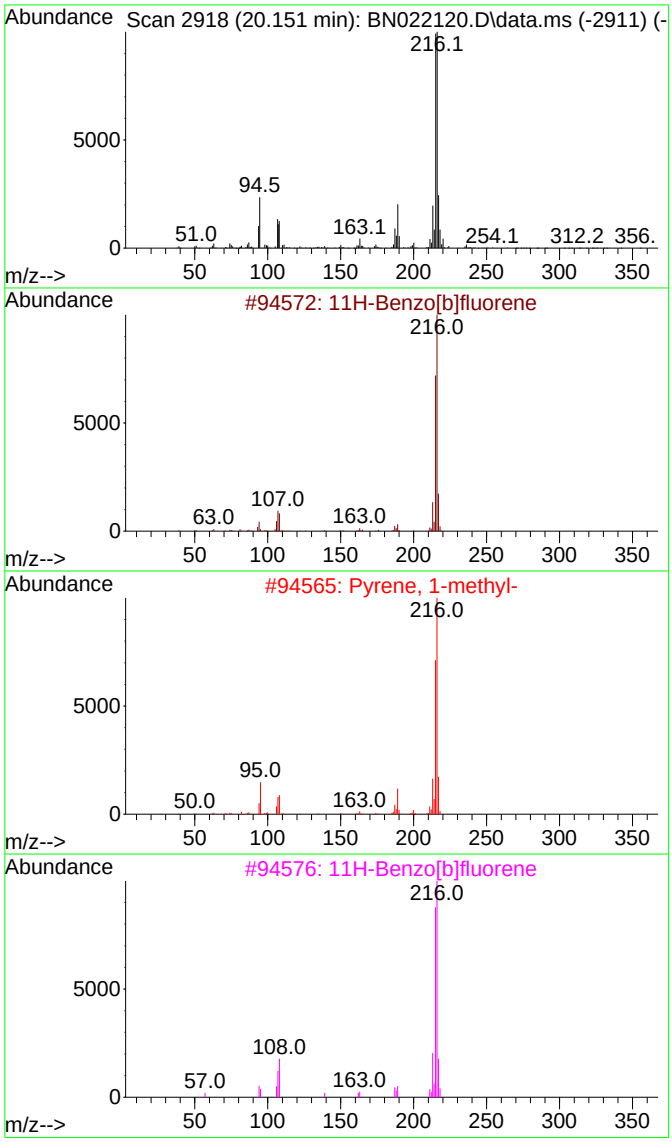
Quant Title : SVOA CALIBRATION

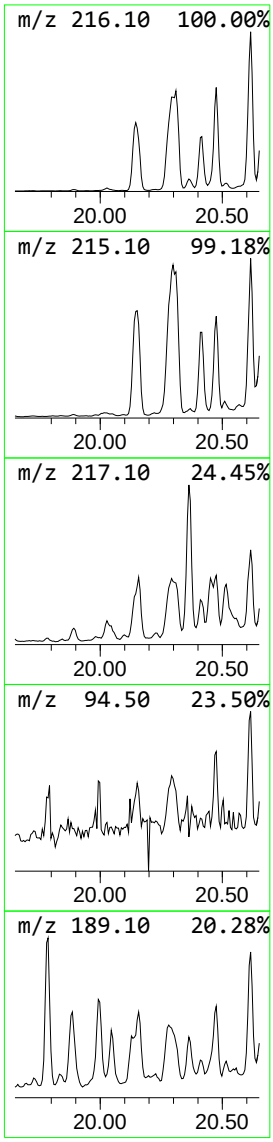
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.151	7.37 ng/ul	2944250	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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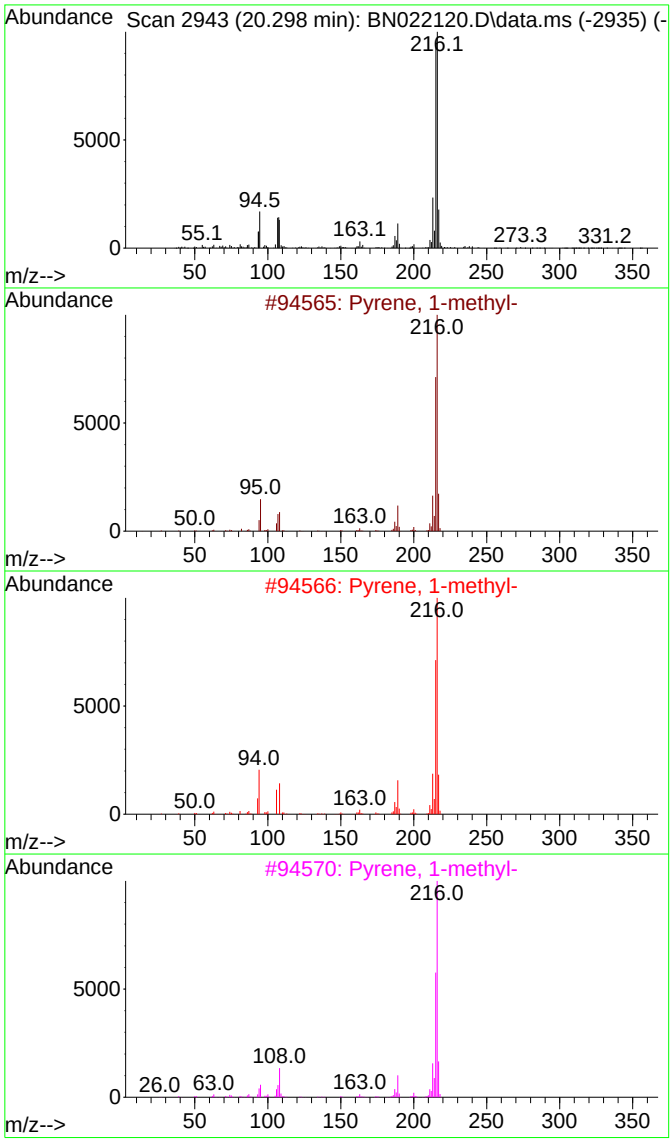
Quant Title : SVOA CALIBRATION

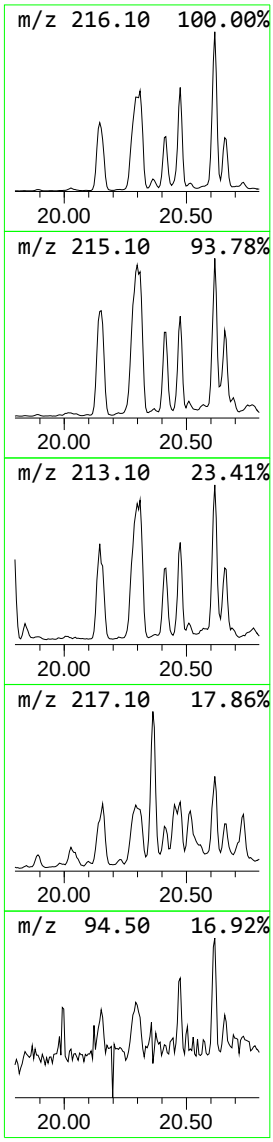
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Pyrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.298	12.44 ng/ul	4968330	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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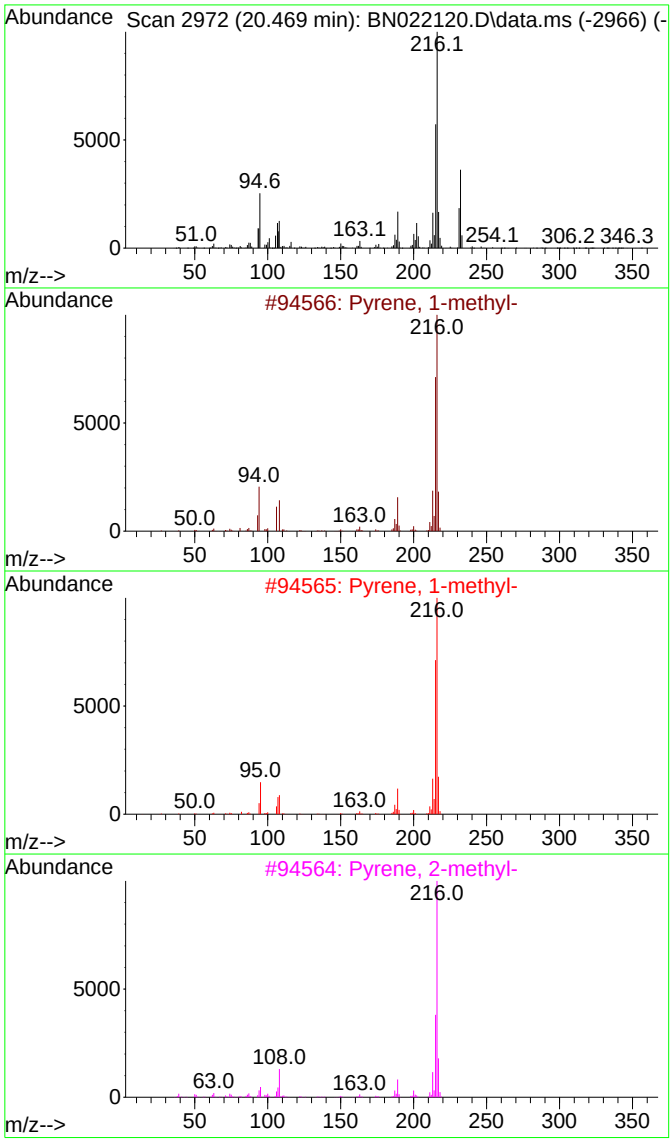
Quant Title : SVOA CALIBRATION

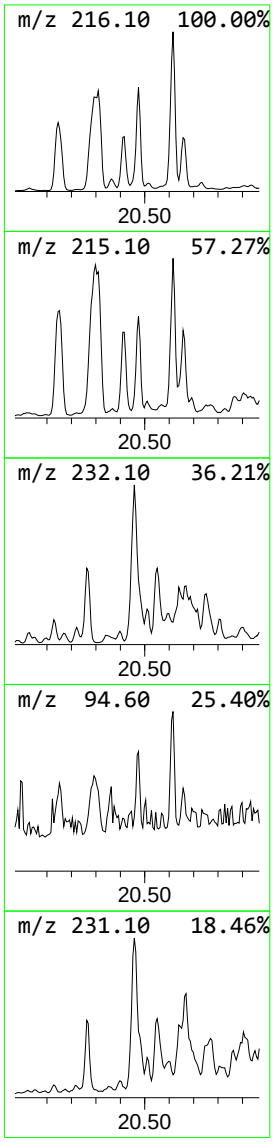
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Pyrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.469	7.04 ng/ul	2812750	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90





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Instrument :
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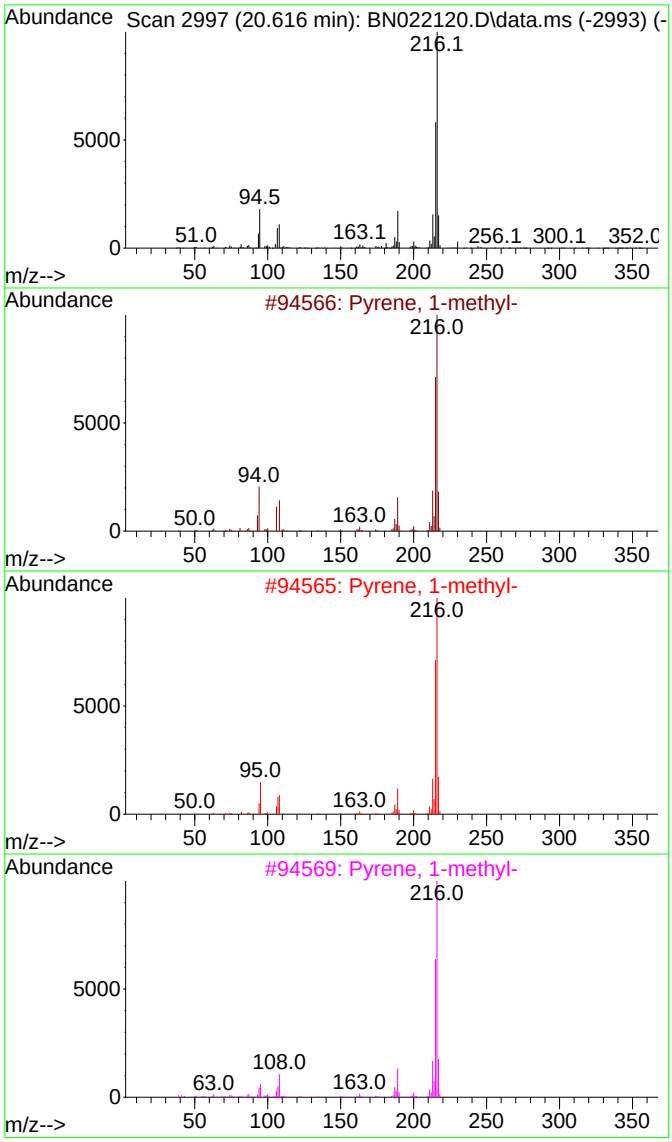
Quant Title : SVOA CALIBRATION

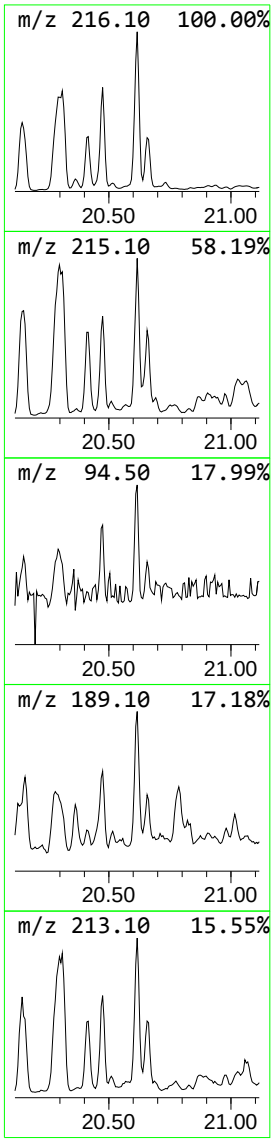
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Pyrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.616	7.12 ng/ul	2842910	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	99
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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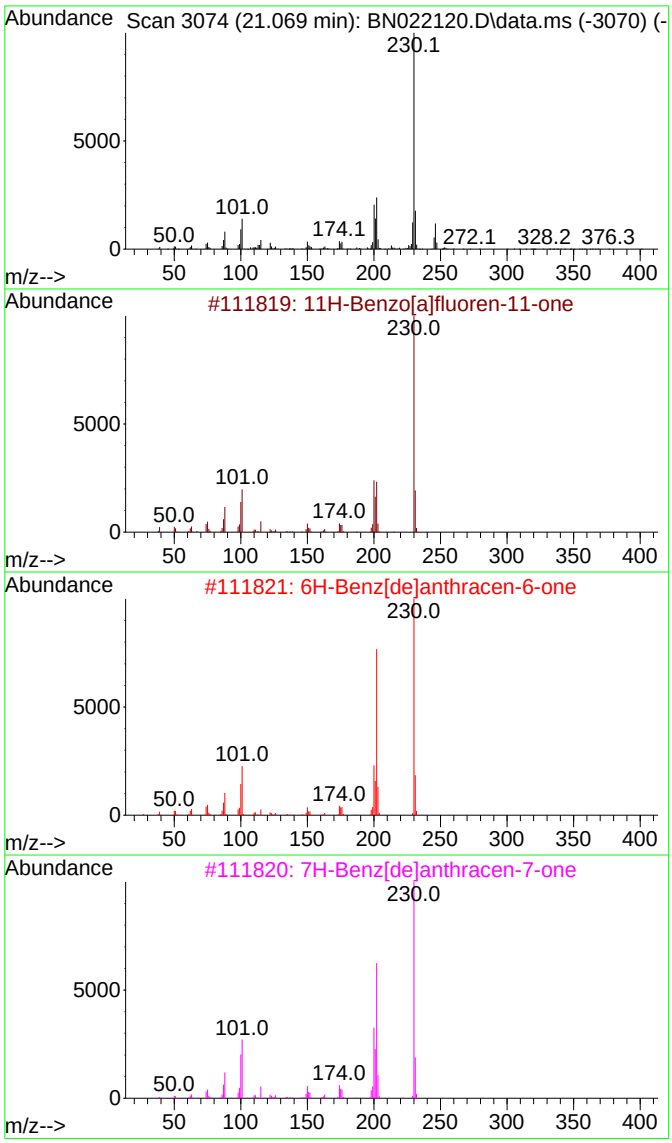
Quant Title : SVOA CALIBRATION

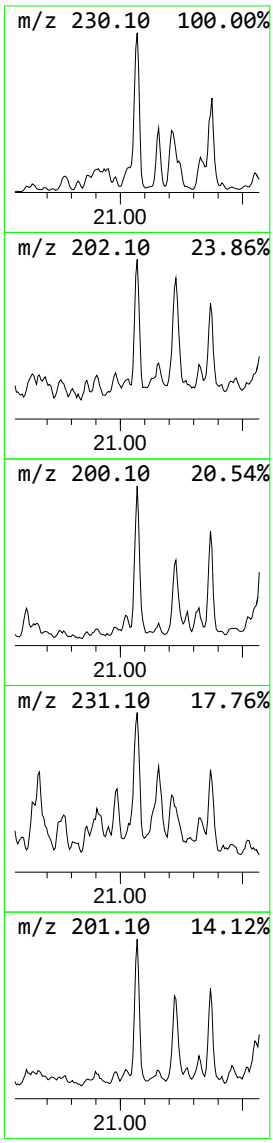
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 11H-Benzo[a]fluoren-11-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.069	6.50 ng/ul	2596960	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	93
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81





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Misc :
ALS Vial : 38 Sample Multiplier: 1

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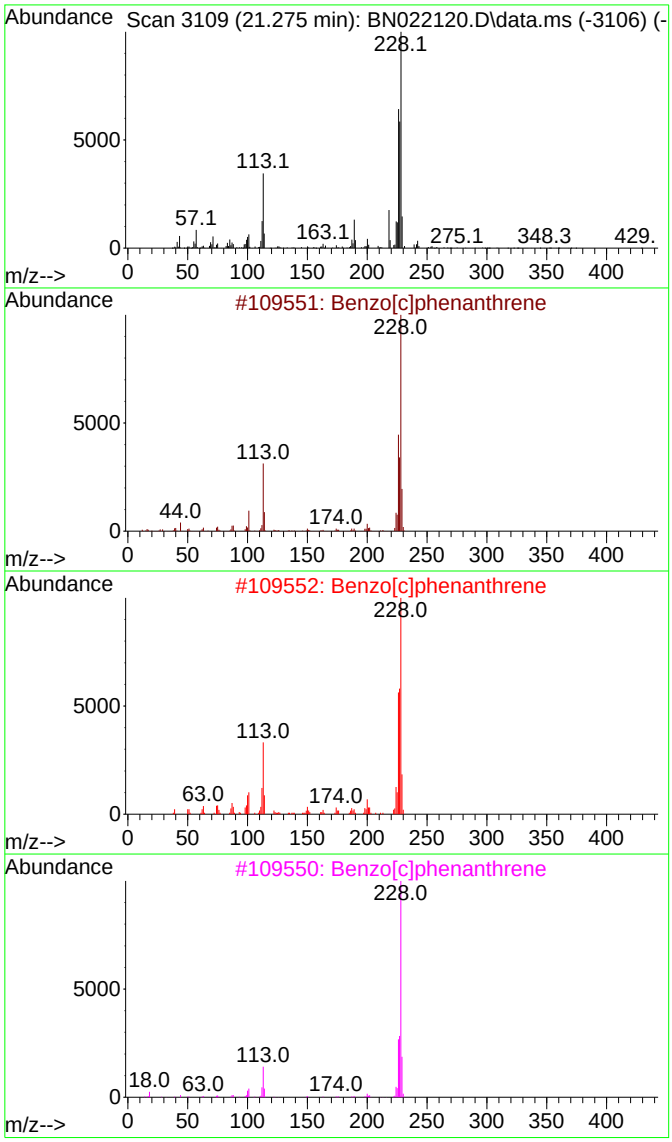
Quant Title : SVOA CALIBRATION

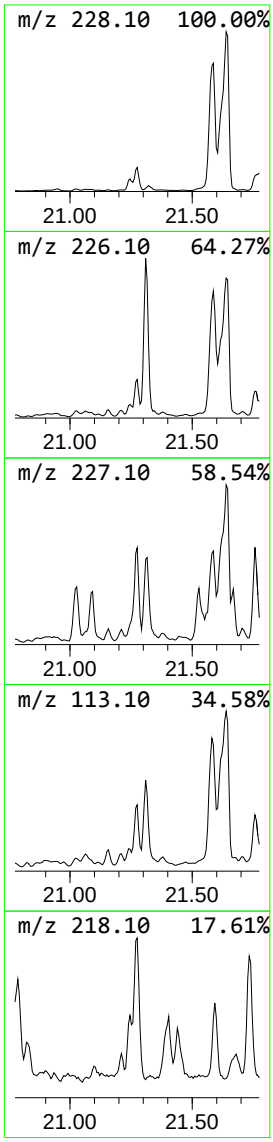
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzo[c]phenanthrene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.275	2.93 ng/ul	1169800	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	60
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
4	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47
5	Triphenylene	228	C18H12	000217-59-4	43





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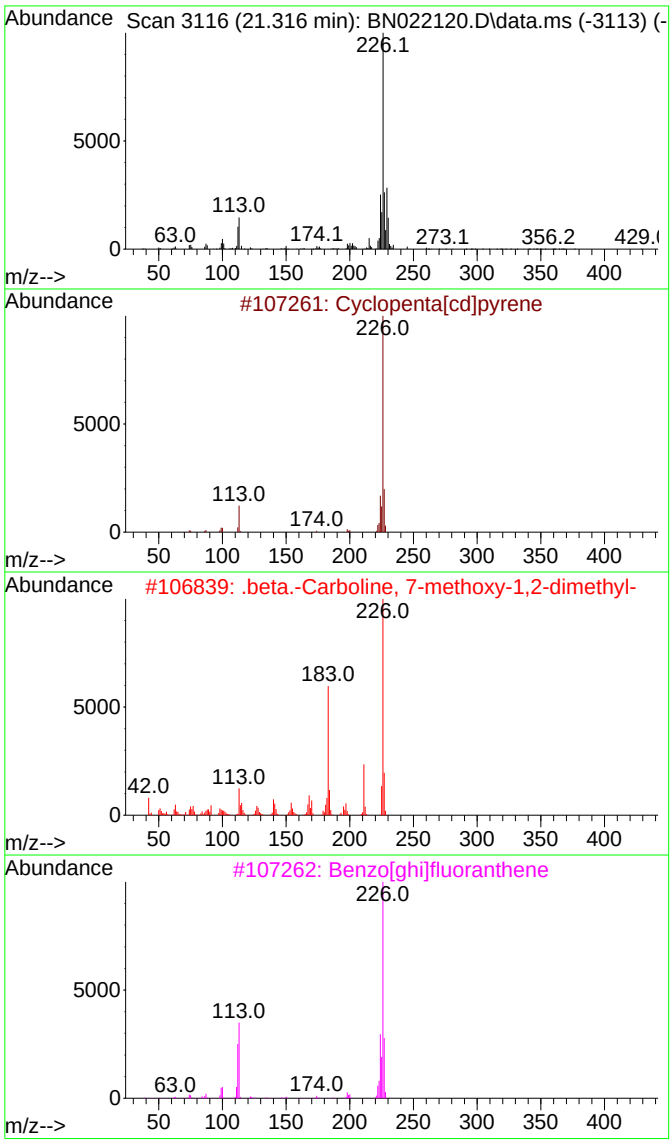
Quant Title : SVOA CALIBRATION

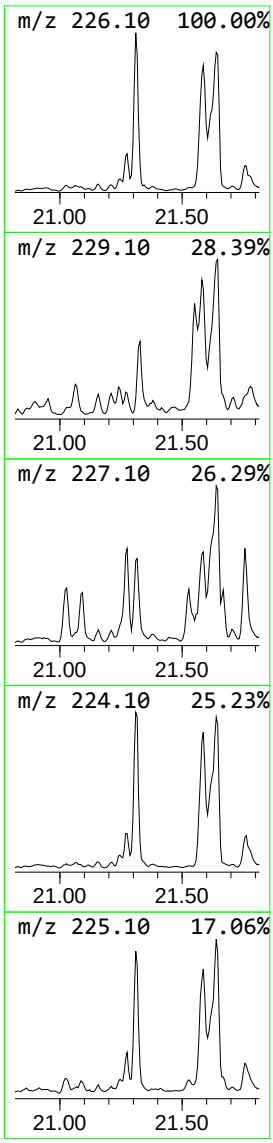
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.316	4.81 ng/ul	1918800	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	58
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	49
3	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	49
4	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	47
5	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	28





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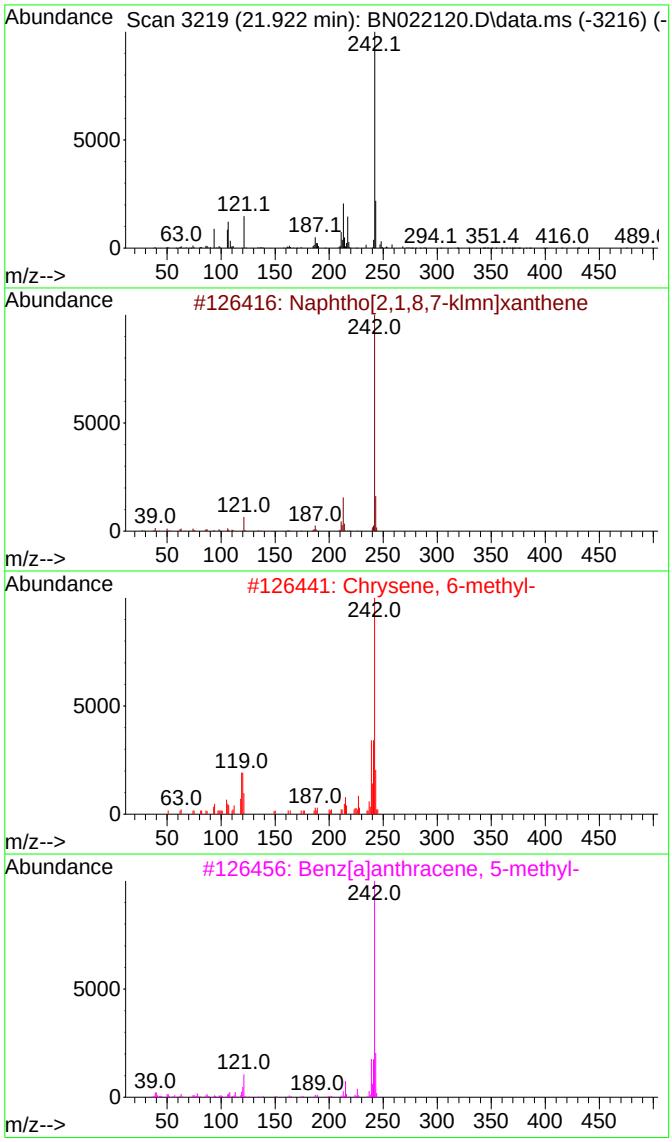
Quant Title : SVOA CALIBRATION

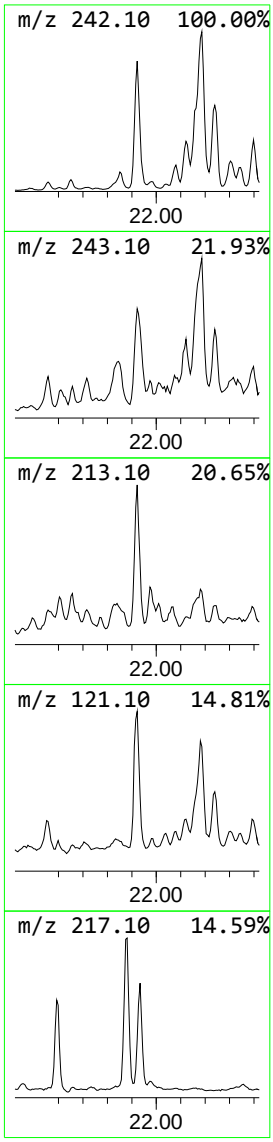
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Naphtho[2,1,8,7-klmn]xanthene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.922	4.94 ng/ul	1971410	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1,8,7-klmn]xanthene	242	C18H10O	000191-37-7	76
2	Chrysene, 6-methyl-	242	C19H14	001705-85-7	52
3	Benz[a]anthracene, 5-methyl-	242	C19H14	002319-96-2	50
4	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	50
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	50





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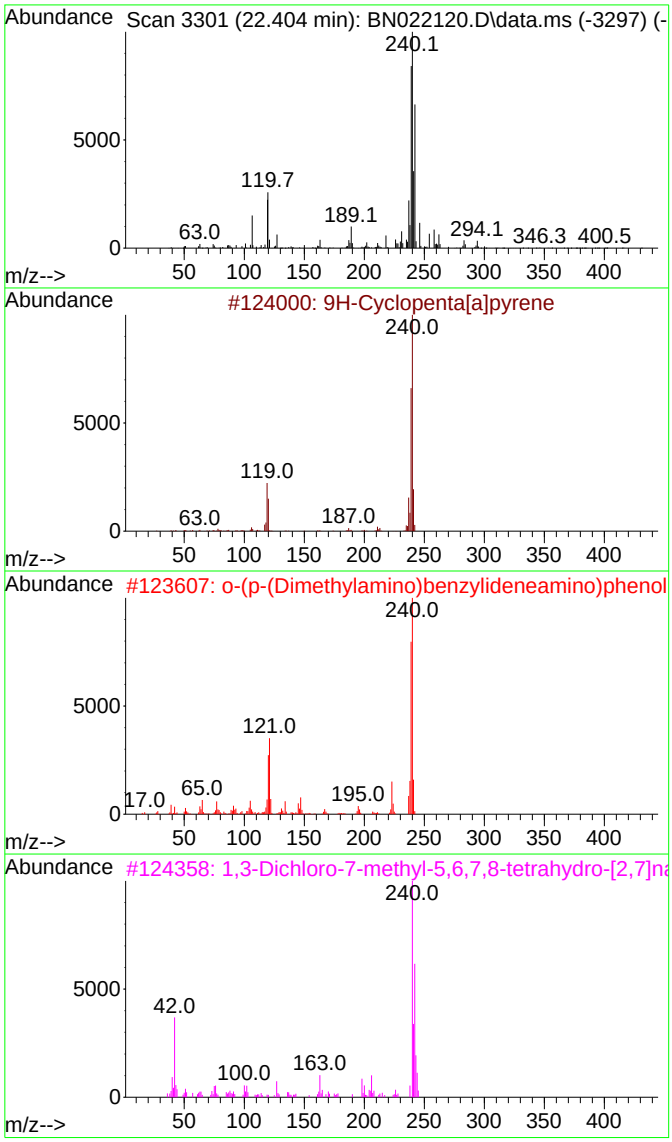
Quant Title : SVOA CALIBRATION

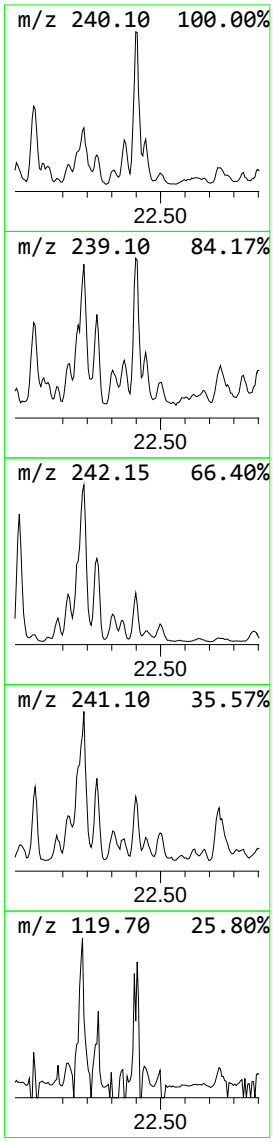
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 9H-Cyclopenta[a]pyrene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.404	3.01 ng/ul	1201240	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	81
2	o-(p-(Dimethylamino)benzylidenea...	240	C15H16N2O	023837-35-6	40
3	1,3-Dichloro-7-methyl-5,6,7,8-te...	241	C10H9Cl2N3	1000274-39-1	38
4	5-(4-Chlorophenyl)-4-ethyl-2,4-d...	239	C10H10ClN3S	026131-64-6	38
5	Benzene, 1-thiobenzoyl-2,4,6-tri...	240	C16H16S	001143-29-9	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022120.D
Acq On : 14 Oct 2022 12:26
Operator : CG/JU
Sample : N5049-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BL9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

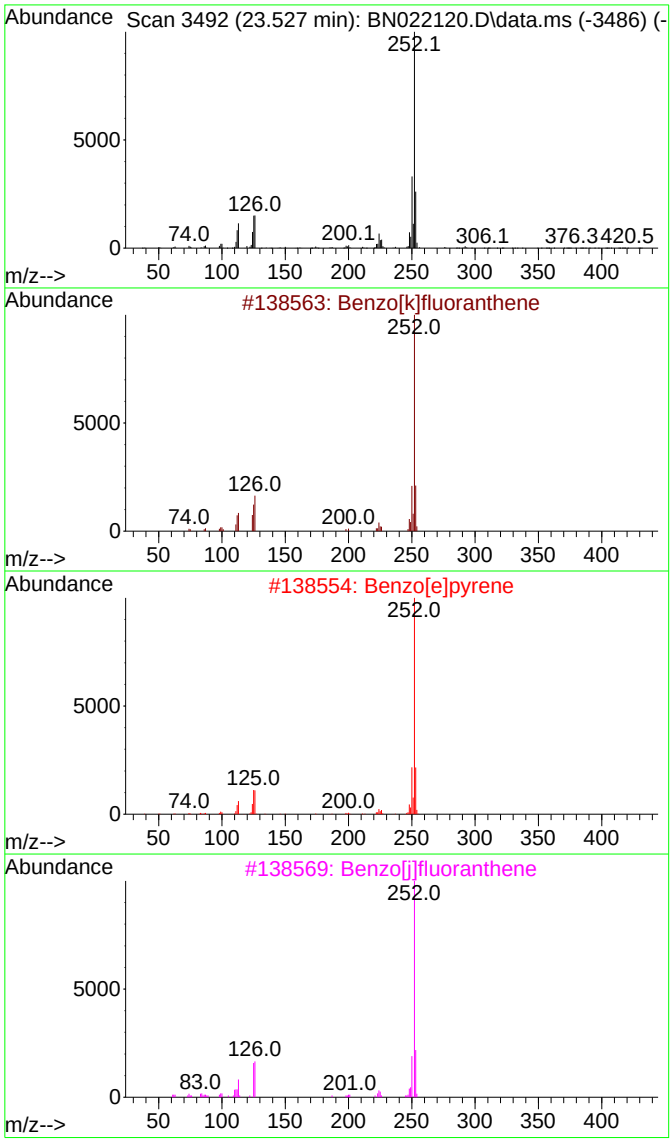
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

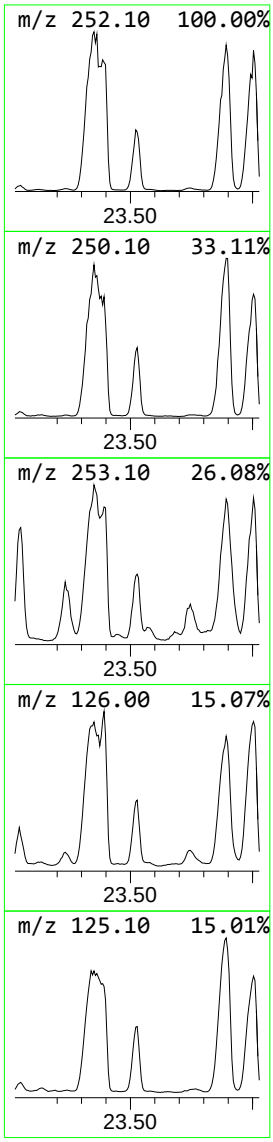
****

Peak Number 34 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.527	10.41 ng/ul	4034480	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022120.D
Acq On : 14 Oct 2022 12:26
Operator : CG/JU
Sample : N5049-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BL9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

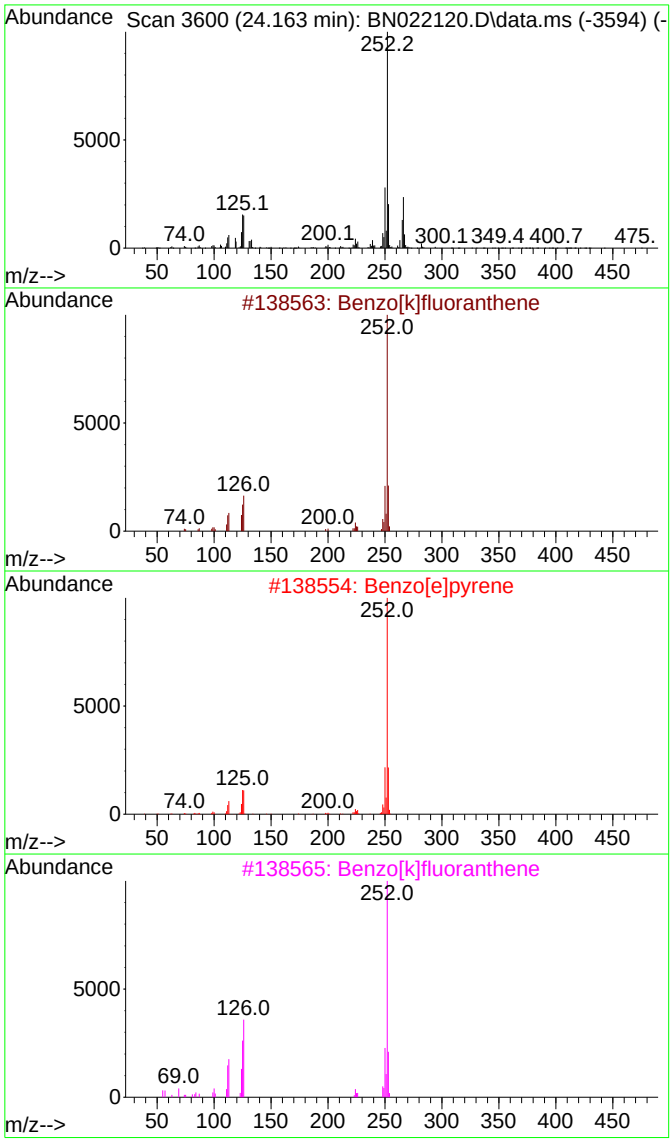
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

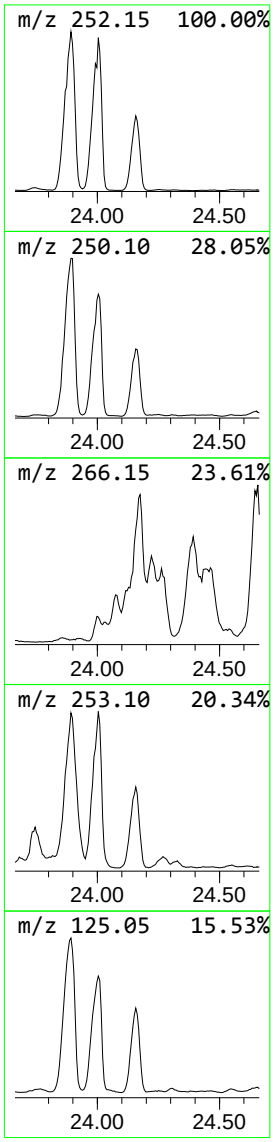
****

Peak Number 35 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.163	20.00 ng/ul	7753920	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022120.D
Acq On : 14 Oct 2022 12:26
Operator : CG/JU
Sample : N5049-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BL9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 2-prop...	7.599	2.9	ng/ul	216763	1	7.952	1505160	20.0
Indene	8.499	16.2	ng/ul	1220500	1	7.952	1505160	20.0
Indole	12.299	6.5	ng/ul	802121	2	10.781	2475620	20.0
1(2H)-Acenaphth...	16.357	5.8	ng/ul	1068340	4	17.387	3717330	20.0
9H-Fluorene, 9-...	16.957	3.8	ng/ul	698044	4	17.387	3717330	20.0
9H-Fluoren-9-one	17.034	2.6	ng/ul	479199	4	17.387	3717330	20.0
Phenanthridine	17.581	4.7	ng/ul	878574	4	17.387	3717330	20.0
n-Hexadecanoic ...	18.281	5.8	ng/ul	1079300	4	17.387	3717330	20.0
Phenanthrene, 2...	18.316	4.3	ng/ul	801673	4	17.387	3717330	20.0
1H-Cyclopropa[l...	18.392	8.5	ng/ul	1577890	4	17.387	3717330	20.0
Anthracene, 1-m...	18.469	9.6	ng/ul	1778040	4	17.387	3717330	20.0
3-Methylcarbazole	18.575	3.1	ng/ul	574634	4	17.387	3717330	20.0
9-anthracenol	18.657	2.1	ng/ul	394569	4	17.387	3717330	20.0
Anthracene, 2-m...	18.745	5.9	ng/ul	1094310	4	17.387	3717330	20.0
9,10-Anthracene...	18.810	3.5	ng/ul	649011	4	17.387	3717330	20.0
9,10-Dimethylan...	19.180	5.4	ng/ul	999335	4	17.387	3717330	20.0
Cyclopenta(def)...	19.334	6.7	ng/ul	1236150	4	17.387	3717330	20.0
Phenanthrene, 2...	19.886	3.0	ng/ul	1182120	5	21.598	7985630	20.0
Indeno(1,2,3-ij...	20.063	6.4	ng/ul	2563480	5	21.598	7985630	20.0
11H-Benzo[b]flu...	20.151	7.4	ng/ul	2944250	5	21.598	7985630	20.0
Pyrene, 1-methyl-	20.298	12.4	ng/ul	4968330	5	21.598	7985630	20.0
Pyrene, 2-methyl-	20.469	7.0	ng/ul	2812750	5	21.598	7985630	20.0
Pyrene, 4-methyl-	20.616	7.1	ng/ul	2842910	5	21.598	7985630	20.0
11H-Benzo[a]flu...	21.069	6.5	ng/ul	2596960	5	21.598	7985630	20.0
Benzo[c]phenant...	21.275	2.9	ng/ul	1169800	5	21.598	7985630	20.0
Cyclopenta[cd]p...	21.316	4.8	ng/ul	1918800	5	21.598	7985630	20.0
Naphtho[2,1,8,7...	21.922	4.9	ng/ul	1971410	5	21.598	7985630	20.0
9H-Cyclopenta[a...	22.404	3.0	ng/ul	1201240	5	21.598	7985630	20.0
Benzo[e]pyrene	23.527	10.4	ng/ul	4034480	6	24.092	7753920	20.0
unknown-01	24.163	20.0	ng/ul	7753920	6	24.092	7753920	20.0